

2. AMENDMENT/MODIFICATION NO. 0339	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 19SC000539	5. PROJECT NO. (If applicable)
6. ISSUED BY Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 892431	7. ADMINISTERED BY (If other than Item 6) Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 00523

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JEFFERSON SCIENCE ASSOCIATES, LLC Attn: ELIZABETH LAWSON 1201 NEW YORK AVE NW STE 430 WASHINGTON DC 20005	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-06OR23177
		10B. DATED (SEE ITEM 13) 04/14/2006
CODE 557181422 FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
 See Schedule Net Increase: \$70,900,817.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement: Clause B.3 and I.121; SC letter dated 4-4-18; Policy Flash 2018-17, 2013-64, 2015-17
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

MANAGEMENT AND OPERATION OF THE THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY.

LIST OF CHANGES:

Reason for Modification: Supplemental Agreement for work within scope - see pages 3-4 for more information

Total Amount for this Modification: \$70,900,817.00

New Total Amount for this Version: \$2,113,935,646.74

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Jerry P. Draayer, Chief Executive Officer Jefferson Science Associates, LLC	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner
 (Signature of person authorized to sign)	 (Signature of Contracting Officer)
15C. DATE SIGNED January 25, 2019	16C. DATE SIGNED 1/28/19

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC05-06OR23177/0339

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NAME OF OFFEROR OR CONTRACTOR
JEFFERSON SCIENCE ASSOCIATES, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$70,900,817.00</p> <p>New Total Obligated Amount for this Award: \$2,113,935,646.74</p> <p>Incremental Funded Amount changed from \$2,043,034,829.74 to \$2,113,935,646.74</p> <p>Payment: OR for Oak Ridge/OSTI U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831</p>				

The purpose of this modification is to award and modify the contract as follows:

- Establish the performance fee under B.3 entitled “Performance and Other Incentive Fees” for the period October 1, 2017 through September 30, 2018 at \$3,033,083.90 in accordance with DOE’s letter entitled “Fiscal Year (FY) 2018 Performance Evaluation Report of Jefferson Science Associates, LLC”, dated December 20, 2018
- Section H, Clause H.56 *Management and Operating (M&O) Contractor Subcontract Reporting (SEP 2015)* is deleted and replaced with Clause H.56 *Management and Operating Contractor (M&O) Subcontract Reporting (NOV 2017)* as attached.
- Section I, Clause I.10B FAR 52.204-10 *Reporting Executive Compensation and First-Tier Subcontract Awards (OCT 2016)* is deleted and replaced with Clause I.10B FAR 52.204-10 *Reporting Executive Compensation and First-Tier Subcontract Awards (OCT 2018)* as attached.
- Section I, Clause I.10C FAR 52.204-13 *System for Award Management Maintenance (OCT 2016)* is deleted and replaced with Clause I.10C FAR 52.204-13 *System for Award Management Maintenance (OCT 2018)* as attached.
- Section I, Clause I.10D FAR 52.204-18 *Commercial and Government Entity Code Maintenance (JUL 2015)* is deleted and replaced with Clause I.10D FAR 52.204-18 *Commercial and Government Entity Code Maintenance (JUL 2016)* as attached.
- Section I, Clause I.12A FAR 52.209-9 *Updates of Publicly Available Information Regarding Responsibility Matters (JUL 2013)* is deleted and replaced with Clause I.12A FAR 52.209-9 *Updates of Publicly Available Information Regarding Responsibility Matters (OCT 2018)* as attached.
- Section I, Clause I.18 FAR 52.219-8 *Utilization of Small Business Concerns (NOV 2016)* is deleted and replaced with Clause I.18 FAR 52.219-8 *Utilization of Small Business Concerns (OCT 2018)* as attached.
- Section I, Clause I.19 FAR 52.219-9 *Small Business Subcontracting Plan (JAN 2017)(PF 2018-17)* is deleted and replaced with Clause I.19 FAR 52.219-9 *Small Business Subcontracting Plan (AUG 2018)(DEVIATION:PF 2018-17)* as attached.
- Section I, Clause I.61 FAR 52.244-6 *Subcontracts for Commercial Items (AUG 2018)* is deleted and replaced with Clause I.61 FAR 52.244-6 *Subcontracts for Commercial Items (OCT 2018)* as attached.

- Section I, Clause I.130 DEAR 970.5244-1 *Contractor Purchasing System (JAN 2013)*(*DEVIATION: PF 2011-98, PF 2013-64, PF 2015-17*) is deleted and replaced with Clause I.130 DEAR 970.5244-1 *Contractor Purchasing System (AUG 2016)*(*DEVIATION: PF 2013-64, PF 2015-17*)(*SC Alternate*) as attached.
- Revise the funds on the contract as follows:

The total amount under this contract is increased \$70,900,817.00 from \$2,043,034,829.74 to \$2,113,935,646.74.

As a result, the first sentence of paragraph (a) of Clause I.121, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY 2019 Amount	Cumulative Contract Amount
1W	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	0.00
1W	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	121,834.00
1W	1720614	25400	0507537	650102000 JSA2014S008	0.00	0.00	295,000.00
1W	1720614	25400	0495243	650102000 JSA2009S005	0.00	0.00	29,874.00
1W	1720614	25400	0495869	650102000 JSA2010-S001	0.00	0.00	119,789.00
1W	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	36,482.00
1W	1720616	25400	0493924	650201010 JSA-2008S010	0.00	0.00	29,388.00
1W	1720616	25400	0493925	650201010 JSA-2008S012	0.00	0.00	29,453.00
1W	1720616	25400	0494086	650201010 JSA2008S014	0.00	0.00	15,360.00
1W	1720616	25400	0494314	650201010 JSA2008S017	0.00	0.00	669,204.00
1W	1720616	25400	0496006	650201010 JSA2009S013	0.00	0.00	26,783.00
1W	1720616	25400	0496007	650201010 JSA2009S014	0.00	0.00	27,658.00
1W	1720616	25400	0496046	650201010 JSA2009S017	0.00	0.00	3,915.00
1W	1720616	25400	0503229	650201010 JSA2009S007	0.00	0.00	23,870.00
1W	1720616	25400	0497873	650201010 JSA-2010S002	0.00	0.00	188,624.00
1W	1720616	25400	0498970	650201010 JSA2010S015	0.00	0.00	29,615.00
1W	1720616	25400	0498969	650201010 JSA2010S016	0.00	0.00	27,000.00
1W	1720616	25400	0499791	650201010 JSA2010S017	0.00	0.00	497,903.00
1W	1720616	25400	0498967	650201010 JSA2010S019	0.00	0.00	175,883.00
1W	1720616	25400	0499663	650201010 JSA2011S001-001	0.00	0.00	1,888,333.00
1W	1720616	25400	0499803	650201010 JSA2011S002	0.00	0.00	18,840.00
1W	1720616	25400	0499235	650201010 JSA2011S003	0.00	0.00	18,195.00
1W	1720616	25400	0499389	650201010 JSA2011S008	0.00	0.00	47,648.00
1W	1720616	25400	0499388	650201010 JSA-2011S009	0.00	0.00	187,492.00
1W	1720616	25400	0499802	650201010 JSA2011S015	0.00	0.00	108,135.00
1W	1720616	25400	0500230	650201010 JSA2011S018	0.00	0.00	17,903.00
1W	1720616	25400	0500868	650201010 JSA2011S020	0.00	0.00	30,000.00
1W	1720616	25400	0500866	650201010 JSA2011S021	0.00	0.00	30,000.00
1W	1720616	25400	0500867	650201010 JSA2011S025	0.00	0.00	221,519.00
1W	1720616	25400	0501458	650201010 JSA2012S001	0.00	0.00	48,562.00
1W	1720616	25400	0501681	650201010 JSA2012S004	0.00	0.00	60,522.00
1W	1720616	25400	0502303	650201010 JSA2012S005	0.00	0.00	29,819.00
1W	1720616	25400	0502915	650201010 JSA2012S007	0.00	0.00	196,615.00
1W	1720616	25400	0503044	650201010 JSA2012S015	0.00	0.00	977,334.95
1W	1720616	25400	0504212	650201010 JSA2013S009	0.00	0.00	9,168.00
1W	1720616	25400	0506027	650201010 JSA2013S011	0.00	0.00	30,004.00
1W	1720616	25400	0503896	650201010 JSA2013S012	0.00	0.00	47,932.00
1W	1720616	25400	0504060	650201010 JSA2013S013	0.00	0.00	46,762.00
1W	1720616	25400	0505862	650201010 JSA2013S014	0.00	0.00	200,000.00
1W	1720616	25400	0504329	650201010 JSA2013S015	0.00	0.00	294,671.00
1W	1720616	25400	0508328	650201010 JSA2014S001	0.00	0.00	139,011.00
1W	1720616	25400	0505997	650201010 JSA2014S002	0.00	0.00	1,904,950.00
1W	1720616	25400	0509546	650201010 JSA2015S005	0.00	0.00	42,891.00
1W	1720616	25400	0509545	650201010 JSA2015S006	0.00	0.00	43,825.00
1W	1720616	25400	0505654	650201010 JSA2013W019	0.00	0.00	0.00
1W	1720616	25400	0509348	650201010 JSA2015S007	0.00	0.00	23,320.00
1W	7400168	25400	0503044	453065021 JSA2012S015	0.00	0.00	301,510.68
1W	7400168	25400	0505862	453065021 JSA2013S014	0.00	0.00	100,000.00
1W	7400168	25400	0511364	453065021 JSA2013S018	0.00	0.00	15,000.00
1W	7400168	25400	0505997	453065021 JSA2014S002	0.00	0.00	306,585.00
1W	7400168	25400	0511839	453065021 JSA2015CERN	0.00	0.00	188,330.10

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY 2019 Amount	Cumulative Contract Amount
1W	7400168	25400	0511095	453065021 JSA2015S003	0.00	0.00	122,445.00
1W	7400168	25400	0509348	453065021 JSA2015S007	0.00	0.00	125,638.00
1W	7400168	25400	0516636	453065021 ORJSA2017S015	56,360.00	56,360.00	299,660.00
1W	7400168	25400	0514251	453065021 JSA2016S012	0.00	0.00	45,000.00
1W	7400168	25400	0516888	453065021 JSA2016S014	0.00	138,640.47	174,890.47
1W	7400168	25400	0515220	453065021 JSA2017S011	0.00	0.00	48,999.00
1W	7400168	25400	0516295	453065021 JSA2017S016	0.00	0.00	75,000.00
1W	7400168	25400	0510556	453065021 JSA2015S008	0.00	0.00	11,053.00
1W	7400168	25400	0512074	453065021 JSA2016S002	0.00	0.00	60,055.00
1W	7400168	25400	0511847	453065021 JSA2016S003	0.00	0.00	23,209.00
1W	7400168	25400	0512244	453065021 JSA2016S004	0.00	0.00	255,000.00
1W	7400168	25400	0517504	453065021 ORJSA2016S005	0.00	0.00	37,000.00
1W	7400168	25400	0518172	453065021 ORJSA2018S005	0.00	10,000.00	30,000.00
1W	7400168	25400	0518960	453065021 ORJSA2018S007	0.00	0.00	175,000.00
1W	7400168	25400	0519590	453065021 ORJSA2018S009	11,250.00	11,250.00	11,250.00
1Y	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	221,958.00
1Y	1720614	25400		650102000 AGRSURA2002S003	0.00	0.00	0.00
1Y	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	83,671.00
1Y	1720614	25400		650102000 AGRSURA-2005S001	0.00	0.00	4,506.00
1Y	1720614	25400		650102000 AGRSURA-2005S004	0.00	0.00	15,637.00
1Y	1720614	25400		650102000 AGRSURA-2005S005	0.00	0.00	42,159.00
1Y	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	4,891.00
2W	7400114	25400	0510664	453060032 JSA2013W020	0.00	0.00	51,060.00
2W	7400116	25400	0509161	453060034 ORJSA2011W014B	0.00	0.00	1,693,750.00
2W	7400116	25400	0502366	453060034 JSA-2011W014A	0.00	0.00	1,477,000.00
2W	7400116	25400	0513660	453060034 JSA-2016W008	0.00	0.00	93,058.00
2W	7400116	25400	0513661	453060034 JSA-2016W009	0.00	0.00	68,122.00
2W	7400118	25400	0507633	453060036 ORJSA2014W011	0.00	85,000.00	135,000.00
2W	7400118	25400	0501540	453060036 JSA2012W003	0.00	0.00	1,627,513.00
2W	7400118	25400	0508329	453060036 JSA2015W002	0.00	0.00	982,743.75
2W	7400118	25400	0511649	453060036 JSA2016W001	0.00	0.00	46,275.00
2W	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	0.00
2W	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	0.00
2W	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2W	1720572	25400	0494417	600301010 JSA2008W0006	0.00	0.00	28,383.00
2W	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	0.00
2W	1720572	25400	0494917	600301010 JSA2009W002	0.00	0.00	290,594.00
2W	1720572	25400	0495208	600301010 JSA-2009-W003	0.00	0.00	47,992.00
2W	1720572	25400	0494916	600301010 JSA2009W004	0.00	0.00	1,809,844.00
2W	1720572	25400	0499390	600301010 JSA-2010W014	0.00	0.00	39,675.00
2W	1720572	25400	0499357	600301010JSA2011W010	0.00	0.00	24,333.00
2W	1720572	25400	0500925	600301010JSA2011W026	0.00	0.00	48,989.00
2W	1720572	25400	0502795	600301010JSA2012W016	0.00	0.00	24,253.00
2W	1720572	25400	0507067	600301010JSA2014W007	0.00	0.00	48,517.00
2W	1720573	25400	0500643	600301020JSA2011W023	0.00	0.00	13,279.00
2W	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	0.00
2W	1720575	25400	0494478	600303000 JSA-2011W014	0.00	0.00	9,000,000.00
2W	1720575	25400	0502366	600303000 JSA-2011W014A	0.00	0.00	2,390,000.00
2W	1720575	25400	0509161	600303000 JSA-2011W014B	0.00	0.00	3,950,000.00
2W	1720575	25400	0503643	600303000 JSA2013W010	0.00	0.00	2,996,251.00
2W	1720575	25400	0505654	600303000 JSA2013W019	0.00	0.00	88,120.00
2W	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	6,590.00
2W	1720577	25400	0494290	600305000 JSA2008-W016	0.00	0.00	5,057.00
2W	1720577	25400	0498316	600305000 JSA2010-W013	0.00	0.00	455,000.00
2W	1720577	25400	0499234	600305000 JSA2010W020	0.00	0.00	273,114.00
2W	1720577	25400	0500048	600305000 JSA2011W019	0.00	0.00	10,558.00
2W	1720577	25400	0501712	600305000 JSA2012W002	0.00	0.00	128,533.00
2W	1720577	25400	0501540	600305000 JSA2012W003	0.00	0.00	3,449,126.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY 2019 Amount	Cumulative Contract Amount
2W	1720577	25400	0502326	600305000 JSA2012W011	0.00	0.00	16,516.00
2W	1720577	25400	0504048	600305000 JSA2013W016	0.00	0.00	19,302.00
2W	1720577	25400	0507633	600305000 JSA2014W011	0.00	0.00	225,000.00
2W	1720577	25400	0508329	600305000 JSA2015W002	0.00	0.00	1,261,942.00
2W	1720577	25400	0494980	600305000 SURA2005W005	0.00	0.00	24,695.00
2W	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	0.00
2Y	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	275,819.00
2Y	1720572	25400		600301010 AGR2006W004SAIC001	0.00	0.00	62,193.00
2Y	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2Y	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	2,013.00
2Y	1720573	25400		600301020 AGRSURA2004W004	0.00	0.00	0.00
2Y	1720577	25400		600305000 AGR2004W002W	0.00	0.00	42,754.00
2Y	1720577	25400		600305000 AGRSURA2005W001	0.00	0.00	160,168.00
2Y	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	171,024.00
2Y	1720577	25400		600305000 AGRSURA-2006W005	0.00	0.00	360,602.00
2Y	1720577	25400		600305000 AGRSURA-2006W007	0.00	0.00	21,077.00
2Y	1720578	25400		600306000 AGRSURA-2004W001	0.00	0.00	0.00
2Y	1720578	25400		600306000 AGRSURA-2006W009	0.00	0.00	42,156.00
2Z	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	148,062.00
2Z	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	71,164.00
2Z	1720572	25400		600301010 JSA2008W007	0.00	0.00	56,190.00
2Z	1720572	25400	0493707	600301010 JSA2008W009	0.00	0.00	46,701.00
2Z	1720572	25400		600301010 JSA2008W010	0.00	0.00	2,545.00
2Z	1720572	25400	0493544	600301010 JSA2008W011	0.00	0.00	9,357.00
2Z	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	5,952.00
3T	1720292	25400	0482420	400403109 AGRSURA-2001-W004	0.00	0.00	(5,450.00)
3T	1720292	25400	0499145	400403109 AGRJSA2010W018	0.00	0.00	719,600.00
3T	1720292	25400	0493300	400403109 JSA2008W005	0.00	0.00	1,449,971.00
3T	1720292	25400	0494992	400403109 JSA2009W008	0.00	0.00	1,027,138.00
3T	1720297	25400	0485465	400403209 AGRSURA05W004	0.00	0.00	443,526.00
3T	1720297	25400		400403209 AGRSURA2005W007	0.00	0.00	100,309.00
3T	1720303	25400	0503028	400403309 AGRJSA12IA012	0.00	0.00	1,696,226.00
3T	1720303	25400	0503181	400403309 AGRJSA12IA012A	0.00	0.00	523,140.00
3T	1720303	25400	0499086	400403309 AGRJSA2011W005	0.00	0.00	2,988,283.00
3T	1720303	25400	0499323	400403309 AGRJSA2011W005A	0.00	0.00	21,540.00
3T	1720303	25400	0500102	400403309 AGRJSA2011W005B	0.00	0.00	70,115.00
3T	1720303	25400	0501141	400403309 AGRJSA2011W005C	0.00	0.00	6,227,664.00
3T	1720303	25400	0502692	400403309 AGRJSA2011W005D	0.00	0.00	58,873.00
3T	1720303	25400	0499088	400403309 AGRJSA2011W006	0.00	0.00	190,863.00
3T	1720303	25400	0501347	400403309 AGRJSA2011W006A	0.00	0.00	154,127.00
3T	1720303	25400	0499144	400403309 AGRJSA2011W007	0.00	0.00	299,833.00
3T	1720303	25400	0499324	400403309 AGRJSA2011W011	0.00	0.00	37,180.00
3T	1720303	25400	0503559	400403309 AGRJSA2012IA012B	0.00	0.00	58,529.00
3T	1720303	25400	0504980	400403309 AGRJSA2012IA012C	0.00	0.00	21,765.00
3T	1720303	25400	0505870	400403309 AGRJSA2012IA012D	0.00	0.00	144,781.00
3T	1720303	25400	0506248	400403309 AGRJSA2012IA012E	0.00	0.00	43,358.00
3T	1720303	25400	0506387	400403309 AGRJSA2012IA012F	0.00	0.00	73,877.00
3T	1720303	25400	0508105	400403309 AGRJSA2012IA012G	0.00	0.00	149,490.00
3T	1720303	25400	0510432	400403309 AGRJSA2012IA012H	0.00	0.00	73,246.00
3T	1720303	25400	0472518	400403309 AGRN00014-01-F-0171G	0.00	0.00	564.00
3T	1720303	25400	0484186	400403309 AGRN00014-04-F-0171N	0.00	0.00	(542.00)
3T	1720303	25400	0484187	400403309 AGRN00014-04-F-0171P	0.00	0.00	0.00
3T	1720303	25400	0490864	400403309 AGRN00014-04-F0171AA	0.00	0.00	255,896.00
3T	1720303	25400	0491455	400403309 AGRN00014-04-F0171AB	0.00	0.00	3,033,443.00
3T	1720303	25400	0491618	400403309 AGRN00014-04-F0171AC	0.00	0.00	124,113.00
3T	1720303	25400	0491619	400403309 AGRN00014-04-F0171AD	0.00	0.00	1,390,511.00
3T	1720303	25400	0491704	400403309 AGRN00014-04-F0171AE	0.00	0.00	147,851.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY 2019 Amount	Cumulative Contract Amount
3T	1720303	25400	0491705	400403309 AGRN00014-04-F0171AF	0.00	0.00	77,061.00
3T	1720303	25400	0496189	400403309 AGRN00014-04-F0171AG	0.00	0.00	2,908,725.00
3T	1720303	25400	0496602	400403309 AGRN00014-04-F0171AH	0.00	0.00	3,397,389.00
3T	1720303	25400	0496783	400403309 AGRN00014-04-F0171AI	0.00	0.00	847,445.00
3T	1720303	25400	0496995	400403309 AGRN00014-04-F0171AJ	0.00	0.00	159,411.00
3T	1720303	25400	0496996	400403309 AGRN00014-04-F0171AK	0.00	0.00	156,952.00
3T	1720303	25400	0484337	400403309 AGRN00014-04-F-0171Q	0.00	0.00	(1,355.00)
3T	1720303	25400	0483765	400403309 AGRN00014-04-F-0171M	0.00	0.00	(18.00)
3T	1720303	25400	0485294	400403309 AGRN00014-04-F-0171U	0.00	0.00	2,607.00
3T	1720303	25400	0485295	400403309 AGRN00014-04-F-0171V	0.00	0.00	25,413.00
3T	1720303	25400	0485815	400403309 AGRN00014-04-F-0171W	0.00	0.00	1,466.00
3T	1720303	25400	0490728	400403309 AGRN00014-04-F-0171X	0.00	0.00	7,071.00
3T	1720303	25400	0490818	400403309 AGRN00014-04-F-0171Y	0.00	0.00	4,590.00
3T	1720303	25400	0490878	400403309 AGRN00014-04-F-0171Z	0.00	0.00	99,307.00
3T	1720303	25400	0493120	400403309 AGRNONRMOA-2008C	0.00	0.00	67,887.00
3T	1720303	25400	0493174	400403309 AGRNONRMOA-2008D	0.00	0.00	139,380.00
3T	1720303	25400	0493193	400403309 AGRNONRMOA-2008E	0.00	0.00	1,870,735.00
3T	1720303	25400	0493366	400403309 AGRNONRMOA-2008F	0.00	0.00	244,330.00
3T	1720303	25400	0493858	400403309 AGRNONRMOA-2008G	0.00	0.00	69,065.00
3T	1720303	25400	0493883	400403309 AGRNONRMOA2008H	0.00	0.00	910,623.00
3T	1720303	25400	0493927	400403309 AGRNONRMOA2008I	0.00	0.00	1,354,241.00
3T	1720303	25400	0493970	400403309 AGRNONRMOA2008J	0.00	0.00	47,275.00
3T	1720303	25400	0494355	400403309 AGRNONRMOA2008L	0.00	0.00	347,365.00
3T	1720303	25400	0494356	400403309 AGRNONRMOA2008M	0.00	0.00	194,020.00
3T	1720303	25400	0498457	400403309 AGRNONRMOA2008U	0.00	0.00	45,429.00
3T	1720303	25400	0494418	400403309 AGRNONRMOA2008N	0.00	0.00	2,248,581.00
3T	1720303	25400	0495047	400403309 AGRNONRMOA2008O	0.00	0.00	423,454.00
3T	1720303	25400	0495607	400403309 AGRNONRMOA2008P	0.00	0.00	266,982.00
3T	1720303	25400	0495608	400403309 AGRNONRMOA2008Q	0.00	0.00	1,940,643.00
3T	1720303	25400	0498046	400403309 AGRNONRMOA2008R	0.00	0.00	277,899.00
3T	1720303	25400	0498054	400403309 AGRNONRMOA2008S	0.00	0.00	107,766.00
3T	1720303	25400	0498388	400403309 AGRNONRMOA2008T	0.00	0.00	136,298.00
3T	1720303	25400	0492199	400403309 AGRONRMOA2008	0.00	0.00	1,941,503.00
3T	1720303	25400	0492286	400403309 AGRONRMOA-2008A	0.00	0.00	1,938,446.00
3T	1720303	25400	0492379	400403309 AGRONRMOA-2008B	0.00	0.00	22,609.00
3T	1720303	25400		400403309 AGRSURA03W002	0.00	0.00	(17,082.30)
3T	1720303	25400	0482421	400403309 AGRSURA2004W003	0.00	0.00	2,621.00
3T	1720303	25400		400403309 AGRSURA2006W011	0.00	0.00	94,443.00
3W	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	(322.16)
3W	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	384,124.00
3W	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	0.00
3W	1720338	25400		400409900 94158	0.00	0.00	870,254.37
3W	1720338	25400	0502117	400409900 2012IA010	0.00	0.00	103,743.00
3W	1720338	25400	0510414	400409900 JSA15IA001A	0.00	0.00	56,910.00
3W	1720338	25400	0508364	400409900 JSA2015IA001	0.00	0.00	55,731.00
3W	1720338	25400	0494158	400409900 AGRJSA2007W005	0.00	0.00	(0.37)
3W	1720338	25400	0495345	400409900 JSA2009W009	0.00	0.00	144,949.00
3W	1720338	25400	0499703	400409900 JSA2011W013	0.00	0.00	26,902.00
3W	7400040	25400	0514957	453040135 ORJSA2017IA0014	0.00	0.00	77,731.07
3W	7400182	25400	0514026	453040196 ORJSA2017IA0007	0.00	0.00	37,504.00
3W	7400182	25400	0514597	453040196 ORJSA2015IA001B	0.00	0.00	61,368.93
3W	7400182	25400	0510414	453040196 ORJSA15IA001A	0.00	0.00	74,637.00
3W	7400168	25400	0512244	453065021 JSA2016S004	0.00	0.00	0.00
3Y	1720330	25400		400407000 AGRSURA2004W007	0.00	0.00	4,068.00
3Y	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	96,675.00
3Y	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	545,208.00
3Y	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	188,782.00

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3Y	1720338	25400		400409900 AGRSURA2005W003	0.00	0.00	0.00
3Z	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	114,177.00
SA	1721221	25400	0494689	WN0219050 JSAKEK	0.00	0.00	0.00
	1721224	25400	0508369	WN0219080 JSAAIP	0.00	0.00	0.00
TF	1001221	25400		GD2540600	0.00	0.00	64,793.00
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
WA	2924033	32001	0472770	39KB00000P	0.00	0.00	245,500,150.00
WA	2923489	32001		39KB01000P	0.00	0.00	0.00
WA	2923567	32001	0472469	39KG01000P	0.00	0.00	96,799.00
WA	2924171	32001	0473071	39KG01000P	0.00	0.00	72,056,566.00
WA	2924279	32001		39KG02000P	0.00	0.00	29,200,000.00
WA	2923652	25400		FS1001000	577,000.00	841,000.00	10,626,273.00
WA	2923653	25400		FS1002000	131,000.00	191,000.00	2,728,888.00
WA	2923653	32002		FS1002000	0.00	0.00	328,913.00
WA	2923653	32002		FS1002000 (0472376)	0.00	0.00	19,475.00
WA	2923654	25400		FS1004000	0.00	0.00	228,271.00
WA	2923655	25400		FS1005000	742,000.00	1,084,000.00	9,496,754.00
WA	2923656	25400		FS1006000	61,000.00	88,000.00	585,000.00
WA	2923657	25400		FS1007000	17,000.00	26,000.00	187,000.00
WA	2923658	25400		FS1009000	103,000.00	150,000.00	1,576,788.00
WA	2923659	25400		KA1101010	0.00	0.00	0.00
WA	2923685	25400		KA1201020	0.00	0.00	338,168.00
WA	2923706	25400		KA1401030	0.00	0.00	781,255.00
WA	2923707	25400		KA1401040	0.00	0.00	205,868.00
WA	2923707	31003		KA1401040	0.00	0.00	1,247,855.00
WA	2924152	25400		KA1401050	0.00	0.00	0.00
WA	2924152	31003		KA1401050	0.00	0.00	1,645,614.00
WA	2923709	25400		KA1501020	0.00	0.00	76,725.00
WA	2923712	25400		KA1502020	0.00	0.00	435,462.00
WA	2924034	25400		KA1502021	0.00	0.00	8,254,684.00
WA	2923713	25400		KA1502030	0.00	0.00	19,928.00
WA	2924325	25400		KA2201020	0.00	0.00	0.00
WA	2924325	31003		KA2201020	0.00	0.00	663,258.00
WA	2924356	25400		KA2401019	0.00	0.00	9,517.00
WA	2924363	25400		KA2403013	0.00	(6,170.00)	964,552.00
WA	2924363	31003		KA2403013	0.00	0.00	897,278.00
WA	2924366	25400		KA2501012	0.00	0.00	330,000.00
WA	2924369	25400		KA2501022	0.00	(69.00)	249,931.00
WA	2924380	25400		KA2601020	0.00	0.00	629,590.00
WA	2924382	25400		KA2602010	0.00	0.00	260,000.00
WA	2923718	25400		KB0101011	0.00	0.00	0.00
WA	2923720	25400		KB0101021 Research	3,030,000.00	4,380,000.00	88,523,577.00
WA	2924154	25400		KB0101052	0.00	0.00	6,972,500.00
WA	2923723	25400		KB0102011 Accelerator Ops	37,350,000.00	54,020,000.00	692,620,915.24
WA	2923723	25400	473340	KB0102011	0.00	0.00	11,652.00
WA	2923723	31003		KB0102011 (EQU)	170,000.00	250,000.00	5,439,000.00
WA	2923723	32002	0472376	KB0102011 GPP	1,110,000.00	1,600,000.00	25,928,717.00
WA	2923723	32003	0472476	KB0102011 AIP	560,000.00	810,000.00	11,707,243.00
WA	2923724	25400		KB0102012 Exp Fac Ops	22,420,000.00	32,420,000.00	373,037,160.00
WA	2923724	31003		KB0102012 Capital (EQU)	1,780,000.00	2,580,000.00	53,013,642.00
WA	2923725	25400		KB0102013	0.00	0.00	22,646,969.00
WA	2923725	31003		KB0102013 (EQU)	0.00	0.00	0.00
WA	2923727	25400		KB0102030	0.00	0.00	303,187.00
WA	2923730	25400		KB0181015	0.00	0.00	944,599.00
WA	2923731	25400		KB0181020	0.00	0.00	933,000.00
WA	2923746	25400		KB0301020 Theory	2,535,000.00	4,120,000.00	57,795,560.00
WA	2923746	31003		KB0301020 (EQU)	0.00	0.00	228,386.00
WA	2923752	25400		KB0301052	0.00	0.00	3,869,810.00

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WA	2923752	31003		KB0301052 (EQU)	0.00	0.00	18,346.00
WA	2923755	25400		KB0401022	0.00	0.00	198,464.00
WA	2923761	25400		KB0401052	0.00	0.00	58,325.00
WA	2923769	25400		KC0201010	0.00	0.00	0.00
WA	2924039	25400		KC0211010	0.00	0.00	899,342.00
WA	2924305	25400		KC0406020	0.00	0.00	1,491,636.00
WA	2924251	25400		KC0407000	0.00	0.00	5,947,204.00
WA	2924416	32002		KG0701000	0.00	0.00	8,000,000.00
WA	2923828	25400		KG0801000	0.00	0.00	9,612.00
WA	2924024	32002	0472376	KG0900000	0.00	0.00	146,191.00
WA	2923832	25400		KJ0102000	0.00	0.00	314,692.00
WA	2923833	25400		KJ0200000	0.00	0.00	2,172.00
WA	2924136	25400		KJ0403000	0.00	(1,497.00)	879,503.00
WA	2924476	25400		KJ0403010	0.00	0.00	555,000.00
WA	2924141	25400		KJ0504000	0.00	0.00	179,691.00
WA	2923835	25400		KL0101000	0.00	0.00	712,952.00
WA	2923837	25400		KL0103000	0.00	0.00	0.00
WA	2924169	25400		KL0104000	0.00	0.00	450,815.00
WA	2923838	25400		KL0201000	0.00	0.00	1,303,064.00
WA	2923839	25400		KL0202000	0.00	0.00	26,901.00
WA	2924406	25400		KL1001000	200,000.00	200,000.00	1,131,865.00
WA	2924409	25400		KL1101000	0.00	0.00	0.00
WA	2924411	25400		KL1200000	0.00	0.00	440,000.00
WA	2923853	25400		KP1104020	0.00	0.00	0.00
WA	2923873	25400		KP1401030	0.00	0.00	884,256.00
WA	2923873	31003		KP1401030 (EQU)	0.00	0.00	4,588.00
WA	2923878	25400		KP1402010	0.00	0.00	0.00
WA	2923878	31003		KP1402010 (EQU)	0.00	0.00	1.00
WA	2924107	25400		KP1503020	0.00	0.00	1,200,000.00
WA	2924205	25400		KP1602010	0.00	0.00	2,823,200.00
WV	2923653	25400		FS1002000	0.00	0.00	4,470.00
YY	1721310	25102	0504378	YN1901000 SNS 468	0.00	0.00	50,000.00
YY	1721310	25400	0515377	YN1901000 ARGONNE 7T-30009 Cell Cav & VTA Te	0.00	0.00	35,000.00
YY	1721310	25400	0506349	YN1901000 ARGONNE 4T-30341 3GHZ SINGLE	0.00	0.00	31,254.00
YY	1721310	25400	0508062	YN1901000 ARGONNE 4T-31301 ALCC HIGH GPS	0.00	0.00	45,569.00
YY	1721310	25400	0515579	YN1901000 ARGONNE 8T-30067 E-BEAM WELDING ANL-30067 EBW	0.00	5,000.00	5,000.00
YY	1721310	25400	0515519	YN1901000 BROOKHAVEN 348363 EIC R&D Compt	0.00	0.00	16,474.50
YY	1721310	25400	0515501	YN1901000 BROOKHAVEN 342230 EIC	0.00	0.00	38,100.00
YY	1721310	25400	0515387	YN1901000 BROOKHAVEN 330947 EIC R&D FOF C	0.00	0.00	5,218.00
YY	1721310	25400	0508520	YN1901000 BROOKHAVEN 282337 EIC R&D	0.00	0.00	59,217.00
YY	1721310	25400	0510571	YN1901000 BROOKHAVEN 300581 C-100 RF	0.00	0.00	22,111.00
YY	1721310	25400	0510827	YN1901000 BROOKHAVEN 303473 EIC R&D	0.00	0.00	75,551.00
YY	1721310	25400	0515358	YN1901000 BRKHVN 324231 CIRCUIT BOARDS CONV	0.00	0.00	33,491.00
YY	1721310	25400	0510336	YN1901000 FERMI 623843 PROTOTYPE RFD	0.00	0.00	1,086,547.00
YY	1721310	25400	0509574	YN1901000 L AUTH 5T-30581 3GHZ SINGLE CELL	0.00	0.00	4,916.00
YY	1721310	25400	0505429	YN1901000 REVIEW OF SNS PPS	0.00	0.00	25,306.00
YY	1721310	25400	0515535	YN1901000 ORNL SNS Proton Power Upgrade 615	0.00	0.00	1,438,515.51
YY	1721310	25400	0515528	YN1901000 ORNL AUTH TEST HB CAVITIES	0.00	0.00	85,000.00
YY	1721310	25400	0506381	YN1901000 ORNL INCITE PROGRAM	0.00	0.00	5,163.00
YY	1721310	25400	0508522	YN1901000 ORNL INCITE PROGRAM	0.00	0.00	21,837.00
YY	1721310	25400	0513313	YN1901000 ORNL 581 EXASCALE COMPU PROJ	0.00	0.00	544,846.00
YY	1721310	25400	0513324	YN1901000 ORNL 44-582 AUTH FOR PPU	0.00	0.00	28,629.00
YY	1721310	25400	0515350	YN1901000 ORNL SCL MED BETA CRYOMODULE	0.00	0.00	105,000.00
YY	1721310	25400	0515503	YN1901000 ORNL 4400000581 ECP ASCR	0.00	0.00	865,855.00
YY	1721310	25400	0512781	YN1901000 BROOKHAVEN 316799 VERT COLD TE	0.00	0.00	9,247.00
YY	1721310	25400	0502815	YN1901000 PNNL AUTH FOR JSA LOGUE	0.00	0.00	0.00
YY	1721310	25400	0503767	YN1901000 ANL 30505	0.00	0.00	172,751.00

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YY	1721310	25400	0503768	YN1901000 ANL 30506	0.00	0.00	493,363.00
YY	1721310	25400	0501780	YN1901000 ARGONNE 2T-30522 TJLAB	0.00	0.00	14,875.00
YY	1721310	25400	0503358	YN1901000 ARGONNE AUTH SHORT PULSE	0.00	0.00	179,422.00
YY	1721310	25400	0501346	YN1901000 NAF-ARGONNE 2T-30262	0.00	0.00	1,853,287.00
YY	1721310	25400	0502425	YN1901000 SLAC AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0502343	YN1901000 TJ-BERKLEY.35893	0.00	0.00	11,653.00
YY	1721310	25400	0501665	YN1901000 UTB-VIPERS 34904	0.00	0.00	11,653.00
YY	1721310	25400	0502466	YN1901000 AMES AUTH FOR JSA OIC	0.00	0.00	4,361.00
YY	1721310	25400	0502345	YN1901000 TJ-FERMI 607737	0.00	0.00	11,653.00
YY	1721310	25400	0515498	YN1901000 FERMI 641178 LATTICE QCD COMPUT	(2,793.00)	(2,793.00)	97,207.00
YY	1721310	25400	0515500	YN1901000 FERMI 641343 CAVITIES IMPROVE	50,000.00	50,000.00	150,000.00
YY	1721310	25400	0502364	YN1901000 ARGONNE AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0502495	YN1901000 BNL AUTH FOR JSA OIC	0.00	0.00	11,653.00
YY	1721310	25400	0503569	YN1901000 ORNL AUTH FOR OIC	0.00	0.00	0.00
YY	1721310	25400	0515520	YN1901000 PNNL Issue Mgmt Process Travel	0.00	0.00	3,200.00
YY	1721310	25400	0502028	YN1901000 PNNL AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0502624	YN1901000 PPPL AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0502424	YN1901000 ORLANL WNDW2	0.00	0.00	11,511.00
YY	1721310	25400	0503054	YN1901000 BNL AUTH FOR RICH DETECTOR	0.00	0.00	23,552.00
YY	1721310	25400	0502771	YN1901000 BROOKHAVEN AUTH FOR BEAM	0.00	0.00	27,856.00
YY	1721310	25400	0504211	YN1901000 BRKHVN AUTH FOR HOM PR	0.00	0.00	462,419.00
YY	1721310	25400	0515493	YN1901000 BRKHVN 340638 ERD22 R&D	0.00	0.00	40,820.00
YY	1721310	25400	0505657	YN1901000 SLAC 122022 CRYOPLANT	0.00	0.00	141,521.00
YY	1721310	25400	0505656	YN1901000 SLAC 122023 SUPERCONDUCTING	0.00	0.00	288,017.00
YY	1721310	25400	0505704	YN1901000 SLAC 122440 LCLSII ESH CDC/D	0.00	0.00	57,106.00
YY	1721310	25400	0505846	YN1901000 SLAC 122868 LCLSII ACCELERATOR	0.00	0.00	136,113.00
YY	1721310	25400	0505995	YN1901000 SLAC 123753 LCLS II HIGH Q0 R&D	0.00	0.00	444,716.00
YY	1721310	25400	0506147	YN1901000 SLAC 123822 LCLS II END CAN ENG	0.00	0.00	219,725.00
YY	1721310	25400	0506145	YN1901000 SLAC 123823 LCLS II BRIDGING EFF	0.00	0.00	255,699.00
YY	1721310	25400	0506426	YN1901000 SLAC 125201 LCLS II CRYOMODULE	0.00	4,200,000.00	159,877,356.00
YY	1721310	25400	0508691	YN1901000 SLAC 153127 HEAVY PHOTON SEA	0.00	0.00	45,194.00
YY	1721310	25400	0508805	YN1901000 SLAC 153678 NUM MOD SIM FIELD	0.00	0.00	48,342.00
YY	1721310	25400	0515514	YN1901000 SLAC 181827 CD-1 Review for LCLS II HE	0.00	0.00	50,000.00
YY	1721310	25400	0515518	YN1901000 SLAC 183676 SRF Cavities for LCLS II	0.00	0.00	250,000.00
YY	1721310	25400	0506348	YN1901000 SNS CAVITY PROCESSING 440000	0.00	0.00	40,000.00
YY	1721310	25400	0511632	YN1901000 SNS CAVITY PROCESSING 440000	0.00	0.00	50,000.00
YZ	1721310	25400	0494036	YN1901000 LANL for Muon Scan	0.00	0.00	384,851.00
YZ	1721310	25400	0494624	YN1901000 LANL support	0.00	0.00	26,596.00
YZ	1721310	25400	0496550	YN1901000 90.OR23177.OR40.4400	0.00	0.00	78,699.00
YZ	1721310	25400	0495791	YN1901000 AB 23177/ORNL 44-354	0.00	0.00	23,840.00
YZ	1721310	25400	0500468	YN1901000 NAF-BROOKHAVEN PO 200930	0.00	0.00	56,673.00
YZ	1721310	25400	0500469	YN1901000 NAF-BROOKHAVEN PO 201878	0.00	0.00	278,349.00
YZ	1721310	25400	0500688	YN1901000 NAF-BROOKHAVEN PO 203685	0.00	0.00	55,554.00
YZ	1721310	25400	0484380	YN1901000 TSKOLDIPAC	0.00	0.00	(4,320.00)
YZ	1721310	25400		YN1901000 TSK4400000101	0.00	0.00	0.00
YZ	1721310	25400	0485478	YN1901000 TSK4400000239	0.00	0.00	5,247.00
YZ	1721310	25400	0490967	YN1901000 TSK4400000263	0.00	0.00	395,063.00
YZ	1721310	25400	0473312	YN1901000 TSKER40150L111J	0.00	0.00	0.00
YZ	1721310	25400	0473313	YN1901000 TSKER40150JLAAA	0.00	0.00	0.00
YZ	1721310	25400	0473314	YN1901000 TSKER40150TJAAA	0.00	0.00	(1,147.00)
YZ	1721310	25400	0498940	YN1901000 S-TJNAF CYROGENICS SYS	0.00	0.00	44,796.00
YZ	1721310	25400	0499711	YN1901000 NAF- ARGONNE-1T-30461	0.00	0.00	940,191.00
YZ	1721310	25400	0501346	YN1901000 NAF- ARGONNE-2T-30262	0.00	0.00	0.00
YZ	1721310	25400	0499474	YN1901000 LANL WINDOWS	0.00	0.00	87,004.00
YZ	1721310	25400	0500839	YN1901000 FNAL PO 596124	0.00	0.00	97,820.00
	1713203	25400		CS5020000 IT NETWORK ASSESSMENT HQ	0.00	0.00	6,654.00
	4500001	25400		TT1020000 ENERGY I-CORPS SITE FUNDS	0.00	29,500.00	29,500.00
VE	2720715	25400		ST5001030 RADIOISOTOPE PRODUCTION	0.00	0.00	430,256.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY 2019 Amount	Cumulative Contract Amount
ZA	1005103	25400		EB4215000	0.00	0.00	113,996.00
ZA	1005091	25400		EL1708000	0.00	0.00	43,620.00
SUBTOTAL					<u>70,900,817.00</u>	<u>107,335,221.47</u>	<u>2,027,466,622.74</u>

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF FY 2009

WO	2923489	32001	0472770	39KB01000P (WA KB/OR39/9/ARRA-1)	0.00	0.00	64,999,150.00
WO	2924093	25400		KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	1,942,354.00
WO	2924093	25400	0473341	KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	0.00
WO	2923723	32002	0473098	KB0102011 (WA KB/OR39/9/ARRA-2)	0.00	0.00	9,997,519.00
WO	2923723	32003	0473101	KB0102011 (WA KB/OR39/9/ARRA-4)	0.00	0.00	2,744,777.00
WO	2923746	25400		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	1,234,219.00
WO	2923746	31003		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	3,475,636.00
WO	2923746	32002		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	250,000.00
WO	2923755	25400		KB0401022 (WA KB/OR39/9/ARRA-5)	0.00	0.00	1,825,369.00
SUBTOTAL ARRA FUNDING					<u>0.00</u>	<u>0.00</u>	<u>86,469,024.00</u>
TOTAL CONTRACT FUNDING					<u>70,900,817.00</u>	<u>107,335,221.47</u>	<u>2,113,935,646.74</u>

H.56 MANAGEMENT AND OPERATING CONTRACTOR (M&O) SUBCONTRACT REPORTING (NOV 2017)

(a) *Definitions.* As used in this clause—

“First-tier subcontract” means a subcontract awarded directly by the Contractor for the purpose of acquiring supplies or services (including construction) for performance of a prime contract. It does not include the Contractor’s supplier agreements with vendors, such as long-term arrangements for materials or supplies that would benefit multiple contracts and/or the costs of which are normally applied to a Contractor’s general and administrative expenses or indirect costs.

“Management and Operating Contractor Subcontract Reporting Capability (MOSRC)” means a DOE system and associated processes to collect key information about Management and Operating Contractor first-tier subcontracts for reporting to the Small Business Administration.

“Transaction” means any contract, order, other agreement or modification thereof (other than one involving an employer-employee relationship) entered into by the Contractor acquiring supplies or services (including construction) required solely for performance of the prime contract.

(b) *Reporting.* The Contractor shall collect and report data via MOSRC necessary for DOE to meet its agency reporting requirements, as determined by the Small Business Administration, in accordance with the most recent reporting instructions at <https://energy.gov/management/downloads/mosrc-reporting-instructions>. The Contractor shall report first-tier subcontract data in MOSRC. Classified subcontracts shall not be reported. Subcontracts with Controlled Unclassified Information marking shall not be reported if restricted by its category. Contact your Contracting Officer if uncertain of information reporting requirements. The MOSRC reporting requirement does not replace any other reporting requirements (e.g. the Electronic Subcontracting Reporting System or the FFATA Subcontracting Reporting System).

(End of clause)

**I.10B REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER
SUBCONTRACT AWARDS (OCT 2018)**

(a) *Definitions.* As used in this clause:

Executive means officers, managing partners, or any other employees in management positions.

First-tier subcontract means a subcontract awarded directly by the Contractor for the purpose of acquiring supplies or services (including construction) for performance of a prime contract. It does not include the Contractor's supplier agreements with vendors, such as long-term arrangements for materials or supplies that benefit multiple contracts and/or the costs of which are normally applied to a Contractor's general and administrative expenses or indirect costs.

Month of award means the month in which a contract is signed by the Contracting Officer or the month in which a first-tier subcontract is signed by the Contractor.

Total compensation means the cash and noncash dollar value earned by the executive during the Contractor's preceding fiscal year and includes the following (for more information see 17 CFR 229.402(c)(2)):

(1) *Salary and bonus.*

(2) *Awards of stock, stock options, and stock appreciation rights.* Use the dollar amount recognized for financial statement reporting purposes with respect to the fiscal year in accordance with the Financial Accounting Standards Board's Accounting Standards Codification (FASB ASC) 718, Compensation-Stock Compensation.

(3) *Earnings for services under non-equity incentive plans.* This does not include group life, health, hospitalization or medical reimbursement plans that do not discriminate in favor of executives, and are available generally to all salaried employees.

(4) *Change in pension value.* This is the change in present value of defined benefit and actuarial pension plans.

(5) *Above-market earnings on deferred compensation which is not tax-qualified.*

(6) Other compensation, if the aggregate value of all such other compensation (e.g., severance, termination payments, value of life insurance paid on behalf of the employee, perquisites or property) for the executive exceeds \$10,000.

(b) Section 2(d)(2) of the Federal Funding Accountability and Transparency Act of 2006 (Pub. L. 109-282), as amended by section 6202 of the Government Funding Transparency Act of 2008 (Pub. L. 110-252), requires the Contractor to report information on subcontract awards. The law requires all reported information be made public, therefore, the Contractor is responsible for notifying its subcontractors that the required information will be made public.

(c) Nothing in this clause requires the disclosure of classified information.

(d)(1) *Executive compensation of the prime contractor.* As a part of its annual registration requirement in the System for Award Management (SAM) (FAR provision 52.204-7), the Contractor shall report the names and total compensation of each of the five most highly compensated executives for its preceding completed fiscal year, if-

(i) In the Contractor's preceding fiscal year, the Contractor received-

(A) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants), cooperative agreements, and other forms of Federal financial assistance; and

(B) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants), cooperative agreements, and other forms of Federal financial assistance; and

(ii) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/excomp.htm>.)

(2) *First-tier subcontract information.* Unless otherwise directed by the contracting officer, or as provided in paragraph (g) of this clause, by the end of the month following the month of award of a first-tier subcontract with a value of \$30,000 or more, the Contractor shall report the following information at <http://www.fsrs.gov> for that first-tier subcontract. (The Contractor shall follow the instructions at <http://www.fsrs.gov> to report the data.)

(i) Unique entity identifier for the subcontractor receiving the award and for the subcontractor's parent company, if the subcontractor has a parent company.

(ii) Name of the subcontractor.

(iii) Amount of the subcontract award.

(iv) Date of the subcontract award.

(v) A description of the products or services (including construction) being provided under the subcontract, including the overall purpose and expected outcomes or results of the subcontract.

(vi) Subcontract number (the subcontract number assigned by the Contractor).

(vii) Subcontractor's physical address including street address, city, state, and country. Also include the nine-digit zip code and congressional district.

(viii) Subcontractor's primary performance location including street address, city, state, and country. Also include the nine-digit zip code and congressional district.

(ix) The prime contract number, and order number if applicable.

(x) Awarding agency name and code.

(xi) Funding agency name and code.

(xii) Government contracting office code.

(xiii) Treasury account symbol (TAS) as reported in FPDS.

(xiv) The applicable North American Industry Classification System code (NAICS).

(3) *Executive compensation of the first-tier subcontractor.* Unless otherwise directed by the Contracting Officer, by the end of the month following the month of award of a first-tier subcontract with a value of \$30,000 or more, and annually thereafter (calculated from the prime contract award date), the Contractor shall report the names and total compensation of each of the five most highly compensated executives for that first-tier subcontractor for the first-tier subcontractor's preceding completed fiscal year at <http://www.fsrs.gov>, if-

(i) In the subcontractor's preceding fiscal year, the subcontractor received-

(A) 80 percent or more of its annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants), cooperative agreements, and other forms of Federal financial assistance; and

(B) \$25,000,000 or more in annual gross revenues from Federal contracts (and subcontracts), loans, grants (and subgrants), cooperative agreements, and other forms of Federal financial assistance; and

(ii) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/excomp.htm>.)

(e) The Contractor shall not split or break down first-tier subcontract awards to a value less than \$30,000 to avoid the reporting requirements in paragraph (d) of this clause.

(f) The Contractor is required to report information on a first-tier subcontract covered by paragraph (d) when the subcontract is awarded. Continued reporting on the same subcontract is not required unless one of the reported data elements changes during the performance of the subcontract. The Contractor is not required to make further reports after the first-tier subcontract expires.

(g)(1) If the Contractor in the previous tax year had gross income, from all sources, under \$300,000, the Contractor is exempt from the requirement to report subcontractor awards.

(2) If a subcontractor in the previous tax year had gross income from all sources under \$300,000, the Contractor does not need to report awards for that subcontractor.

(h) The FSRS database at <http://www.fsrs.gov> will be prepopulated with some information from SAM and the FPDS database. If FPDS information is incorrect, the contractor should notify the contracting officer. If the SAM information is incorrect, the contractor is responsible for correcting this information.

(End of clause)

I.10C FAR 52.204-13 SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)

(a) *Definitions.* As used in this clause-

Electronic Funds Transfer (EFT) indicator means a four-character suffix to the unique entity identifier. The suffix is assigned at the discretion of the commercial, nonprofit, or Government entity to establish additional System for Award Management (SAM) records for identifying alternative EFT accounts (see subpart 32.11) for the same entity.

Registered in the System for Award Management (SAM) means that-

(1) The Contractor has entered all mandatory information, including the unique entity identifier and the EFT indicator (if applicable), the Commercial and Government Entity (CAGE) code, as well as data required by the Federal Funding Accountability and Transparency Act of 2006 (see subpart 4.14), into SAM;

(2) The Contractor has completed the Core, Assertions, Representations and Certifications, and Points of Contact sections of the registration in SAM;

(3) The Government has validated all mandatory data fields, to include validation of the Taxpayer Identification Number (TIN) with the Internal Revenue Service (IRS). The Contractor will be required to provide consent for TIN validation to the Government as a part of the SAM registration process; and

(4) The Government has marked the record "Active".

System for Award Management (SAM) means the primary Government repository for prospective Federal awardee and Federal awardee information and the centralized Government system for certain contracting, grants, and other assistance-related processes. It includes-

(1) Data collected from prospective Federal awardees required for the conduct of business with the Government;

(2) Prospective contractor-submitted annual representations and certifications in accordance with FAR subpart 4.12; and

(3) Identification of those parties excluded from receiving Federal contracts, certain subcontracts, and certain types of Federal financial and non-financial assistance and benefits.

Unique entity identifier means a number or other identifier used to identify a specific commercial, nonprofit, or Government entity. See www.sam.gov for the designated entity for establishing unique entity identifiers.

(b) If the solicitation for this contract contained the provision 52.204-7 with its Alternate I, and the Contractor was unable to register prior to award, the Contractor shall be registered in SAM within 30 days after award or before three days prior to submission of the first invoice, whichever occurs first.

(c) The Contractor shall maintain registration in SAM during contract performance and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement. The Contractor is responsible for the currency, accuracy and completeness of the data within SAM, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in SAM after the initial registration, the Contractor is required to review and update on an annual basis, from the date of initial registration or subsequent updates, its information in SAM to ensure it is current, accurate and complete. Updating information in SAM does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(d)(1)(i) If a Contractor has legally changed its business name or "doing business as" name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to-

(A) Change the name in SAM;

(B) Comply with the requirements of subpart 42.12 of the FAR; and

(C) Agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor shall provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (d)(1)(i) of this clause, or fails to perform the agreement at paragraph (d)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the SAM information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in SAM record to reflect an assignee for the purpose of assignment of claims (see FAR subpart 32.8, Assignment of Claims). Assignees shall be separately registered in SAM. Information provided to the Contractor's SAM record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the EFT clause of this contract.

(3) The Contractor shall ensure that the unique entity identifier is maintained with the entity designated at *www.sam.gov* for establishment of the unique entity identifier throughout the life of the contract. The Contractor shall communicate any change to the unique entity identifier to the Contracting Officer within 30 days after the change, so an appropriate modification can be issued to update the data on the contract. A change in the unique entity identifier does not necessarily require a novation be accomplished.

(e) Contractors may obtain additional information on registration and annual confirmation requirements at *https://www.sam.gov*.

(End of clause)

**I.10D FAR 52.204-18 COMMERCIAL AND GOVERNMENT ENTITY CODE
MAINTENANCE (JUL 2016)**

(a) *Definition.* As used in this clause-

Commercial and Government Entity (CAGE) code means-

(1) An identifier assigned to entities located in the United States or its outlying areas by the Defense Logistics Agency (DLA) Commercial and Government Entity (CAGE) Branch to identify a commercial or government entity; or

(2) An identifier assigned by a member of the North Atlantic Treaty Organization (NATO) or by the NATO Support and Procurement Agency (NSPA) to entities located outside the United States and its outlying areas that the DLA Commercial and Government Entity (CAGE) Branch records and maintains in the CAGE master file. This type of code is known as a NATO CAGE (NCAGE) code.

(b) Contractors shall ensure that the CAGE code is maintained throughout the life of the contract. For contractors registered in the System for Award Management (SAM), the DLA Commercial and Government Entity (CAGE) Branch shall only modify data received from SAM in the CAGE master file if the contractor initiates those changes via update of its SAM registration. Contractors undergoing a novation or change-of-name agreement shall notify the contracting officer in accordance with subpart 42.12. The contractor shall communicate any change to the CAGE code to the contracting officer within 30 days after the change, so that a modification can be issued to update the CAGE code on the contract.

(c) Contractors located in the United States or its outlying areas that are not registered in SAM shall submit written change requests to the DLA Commercial and Government Entity (CAGE) Branch. Requests for changes shall be provided at <https://cage.dla.mil>. Change requests to the CAGE master file are accepted from the entity identified by the code.

(d) Contractors located outside the United States and its outlying areas that are not registered in SAM shall contact the appropriate National Codification Bureau (points of contact available at <http://www.nato.int/structur/AC/135/main/links/contacts.htm>) or NSPA at <https://eportal.nspa.nato.int/AC135Public/scage/CageList.aspx> to request CAGE changes.

(e) Additional guidance for maintaining CAGE codes is available at <https://cage.dla.mil>.

(End of clause)

I.12A FAR 52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (OCT 2018)

(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the System for Award Management via <https://www.sam.gov>.

(b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIIS consists of two segments-

(1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by--

(i) Government personnel and authorized users performing business on behalf of the Government; or

(ii) The Contractor, when viewing data on itself; and

(2) The publicly-available segment, to which all data in the non-public segment of FAPIIS is automatically transferred after a waiting period of 14 calendar days, except for-

(i) Past performance reviews required by subpart 42.15;

(ii) Information that was entered prior to April 15, 2011; or

(iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.

(c) The Contractor will receive notification when the Government posts new information to the Contractor's record.

(1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIIS.

(2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.

(3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.

(d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(End of clause)

I.18 FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2018)

(a) *Definitions.* As used in this contract-

HUBZone small business concern means a small business concern, certified by the Small Business Administration, that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

Small business concern means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto.

Small disadvantaged business concern, consistent with 13 CFR 124.1002, means a small business concern under the size standard applicable to the acquisition, that-

(1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by-

(i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States; and

(ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(2) The management and daily business operations of which are controlled (as defined at 13.CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

Veteran-owned small business concern means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

Women-owned small business concern means a small business concern-

(1) That is at least 51 percent owned by one or more women, or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(b) It is the policy of the United States that small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns shall have the maximum practicable opportunity to participate in performing contracts

let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, and women-owned small business concerns.

(c) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.

(d)(1) The Contractor may accept a subcontractor's written representations of its size and socioeconomic status as a small business, small disadvantaged business, veteran-owned small business, service-disabled veteran-owned small business, or a women-owned small business if the subcontractor represents that the size and socioeconomic status representations with its offer are current, accurate, and complete as of the date of the offer for the subcontract.

(2) The Contractor may accept a subcontractor's representations of its size and socioeconomic status as a small business, small disadvantaged business, veteran-owned small business, service-disabled veteran-owned small business, or a women-owned small business in the System for Award Management (SAM) if-

(i) The subcontractor is registered in SAM; and

(ii) The subcontractor represents that the size and socioeconomic status representations made in SAM are current, accurate and complete as of the date of the offer for the subcontract.

(3) The Contractor may not require the use of SAM for the purposes of representing size or socioeconomic status in connection with a subcontract.

(4) In accordance with 13 CFR 121.411, 124.1015, 125.29, 126.900, and 127.700, a contractor acting in good faith is not liable for misrepresentations made by its subcontractors regarding the subcontractor's size or socioeconomic status.

(5) The Contractor shall confirm that a subcontractor representing itself as a HUBZone small business concern is certified by SBA as a HUBZone small business concern by accessing the System for Award Management or by contacting the SBA. Options for contacting the SBA include-

(i) HUBZone small business database search application Web page at http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm; or <http://www.sba.gov/hubzone>;

(ii) In writing to the Director/HUB, U.S. Small Business Administration, 409 3rd Street, SW., Washington DC 20416; or

(iii) The SBA HUBZone Help Desk at *hubzone@sba.gov*.

(End of clause)

I.19 FAR 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (OCT 2018)
(DEVIATION: PF 2018-17)

(a) This clause does not apply to small business concerns.

(b) *Definitions.* As used in this clause-

Alaska Native Corporation (ANC) means any Regional Corporation, Village Corporation, Urban Corporation, or Group Corporation organized under the laws of the State of Alaska in accordance with the Alaska Native Claims Settlement Act, as amended (43 U.S.C. 1601, et seq.) and which is considered a minority and economically disadvantaged concern under the criteria at 43 U.S.C. 1626(e)(1). This definition also includes ANC direct and indirect subsidiary corporations, joint ventures, and partnerships that meet the requirements of 43 U.S.C. 1626(e)(2).

Commercial item means a product or service that satisfies the definition of commercial item in section 2.101 of the Federal Acquisition Regulation.

Commercial plan means a subcontracting plan (including goals) that covers the offeror's fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (*e.g.*, division, plant, or product line).

Electronic Subcontracting Reporting System (eSRS) means the Governmentwide, electronic, web-based system for small business subcontracting program reporting. The eSRS is located at <http://www.esrs.gov>.

Indian tribe means any Indian tribe, band, group, pueblo, or community, including native villages and native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act (43 U.S.C.A. 1601 et seq.), that is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs in accordance with 25 U.S.C. 1452(c). This definition also includes Indian-owned economic enterprises that meet the requirements of 25 U.S.C. 1452(e).

Individual subcontracting plan means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offeror's planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

Master subcontracting plan means a subcontracting plan that contains all the required elements of an individual subcontracting plan, except goals, and may be incorporated into individual subcontracting plans, provided the master subcontracting plan has been approved.

Reduced payment means a payment that is for less than the amount agreed upon in a subcontract in accordance with its terms and conditions, for supplies and services for which the Government has paid the prime contractor.

Subcontract means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

Total contract dollars means the final anticipated dollar value, including the dollar value of all options.

Untimely payment means a payment to a subcontractor that is more than 90 days past due under the terms and conditions of a subcontract for supplies and services for which the Government has paid the prime contractor.

(c)(1) The Offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns. If the Offeror is submitting an individual subcontracting plan, the plan must separately address subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns, with a separate part for the basic contract and separate parts for each option (if any). The subcontracting plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the Offeror ineligible for award of a contract.

(2)(i) The Contractor may accept a subcontractor's written representations of its size and socioeconomic status as a small business, small disadvantaged business, veteran-owned small business, service-disabled veteran-owned small business, or a women-owned small business if the subcontractor represents that the size and socioeconomic status representations with its offer are current, accurate, and complete as of the date of the offer for the subcontract.

(ii) The Contractor may accept a subcontractor's representations of its size and socioeconomic status as a small business, small disadvantaged business, veteran-owned small business, service-disabled veteran-owned small business, or a women-owned small business in the System for Award Management (SAM) if-

(A) The subcontractor is registered in SAM; and

(B) The subcontractor represents that the size and socioeconomic status representations made in SAM are current, accurate and complete as of the date of the offer for the subcontract.

(iii) The Contractor may not require the use of SAM for the purposes of representing size or socioeconomic status in connection with a subcontract.

(iv) In accordance with 13 CFR 121.411, 124.1015, 125.29, 126.900, and 127.700, a contractor acting in good faith is not liable for misrepresentations made by its subcontractors regarding the subcontractor's size or socioeconomic status.

(d) The Offeror's subcontracting plan shall include the following:

(1) Separate goals, expressed in terms of total dollars subcontracted, and as a percentage of total planned subcontracting dollars, for the use of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. For individual subcontracting plans, and if required by the Contracting Officer, goals shall also be expressed in terms of percentage of total contract dollars, in addition to the goals expressed as a percentage of total subcontract dollars. The Offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs. In accordance with 43 U.S.C. 1626-

(i) Subcontracts awarded to an ANC or Indian tribe shall be counted towards the subcontracting goals for small business and small disadvantaged business concerns, regardless of the size or Small Business Administration certification status of the ANC or Indian tribe; and

(ii) Where one or more subcontractors are in the subcontract tier between the prime Contractor and the ANC or Indian tribe, the ANC or Indian tribe shall designate the appropriate Contractor(s) to count the subcontract towards its small business and small disadvantaged business subcontracting goals.

(A) In most cases, the appropriate Contractor is the Contractor that awarded the subcontract to the ANC or Indian tribe.

(B) If the ANC or Indian tribe designates more than one Contractor to count the subcontract toward its goals, the ANC or Indian tribe shall designate only a portion of the total subcontract award to each Contractor. The sum of the amounts designated to various Contractors cannot exceed the total value of the subcontract.

(C) The ANC or Indian tribe shall give a copy of the written designation to the Contracting Officer, the prime Contractor, and the subcontractors in between the prime Contractor and the ANC or Indian tribe within 30 days of the date of the subcontract award.

(D) If the Contracting Officer does not receive a copy of the ANC's or the Indian tribe's written designation within 30 days of the subcontract award, the Contractor that awarded the subcontract to the ANC or Indian tribe will be considered the designated Contractor.

(2) A statement of-

(i) Total dollars planned to be subcontracted for an individual subcontracting plan; or the Offeror's total projected sales, expressed in dollars, and the total value of projected subcontracts to support the sales for a commercial plan;

(ii) Total dollars planned to be subcontracted to small business concerns (including ANC and Indian tribes);

(iii) Total dollars planned to be subcontracted to veteran-owned small business concerns;

(iv) Total dollars planned to be subcontracted to service-disabled veteran-owned small business;

(v) Total dollars planned to be subcontracted to HUBZone small business concerns;

(vi) Total dollars planned to be subcontracted to small disadvantaged business concerns (including ANCs and Indian tribes); and

(vii) Total dollars planned to be subcontracted to women-owned small business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to-

(i) Small business concerns;

(ii) Veteran-owned small business concerns;

(iii) Service-disabled veteran-owned small business concerns;

(iv) HUBZone small business concerns;

(v) Small disadvantaged business concerns; and

(vi) Women-owned small business concerns.

(4) A description of the method used to develop the subcontracting goals in paragraph (d)(1) of this clause.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, SAM, veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small, HUBZone, small disadvantaged, and women-owned small business trade associations). A firm may rely on the information contained in SAM as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small, service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small

business source list. Use of SAM as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities) in this clause.

(6) A statement as to whether or not the Offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with-

(i) Small business concerns (including ANC and Indian tribes);

(ii) Veteran-owned small business concerns;

(iii) Service-disabled veteran-owned small business concerns;

(iv) HUBZone small business concerns;

(v) Small disadvantaged business concerns (including ANC and Indian tribes); and

(vi) Women-owned small business concerns.

(7) The name of the individual employed by the Offeror who will administer the Offeror's subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the Offeror will make to assure that small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the Offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the Offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$700,000 (\$1.5 million for construction of any public facility) with further subcontracting possibilities to adopt a subcontracting plan that complies with the requirements of this clause.

(10) Assurances that the Offeror will-

(i) Cooperate in any studies or surveys as may be required;

(ii) Submit periodic reports so that the Government can determine the extent of compliance by the Offeror with the subcontracting plan;

(iii) After November 30, 2017, include subcontracting data for each order when reporting subcontracting achievements for indefinite-delivery, indefinite-quantity contracts with individual subcontracting plans where the contract is intended for use by multiple agencies;

(iv) Submit the Individual Subcontract Report (ISR) and/or the Summary Subcontract Report (SSR), in accordance with paragraph (l) of this clause using the Electronic Subcontracting Reporting System (eSRS) at <http://www.esrs.gov>. The reports shall provide information on subcontract awards to small business concerns (including ANCs and Indian tribes that are not small businesses), veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns (including ANCs and Indian tribes that have not been certified by SBA as small disadvantaged businesses), women-owned small business concerns, and for NASA only, Historically Black Colleges and Universities and Minority Institutions. Reporting shall be in accordance with this clause, or as provided in agency regulations;

(v) Ensure that its subcontractors with subcontracting plans agree to submit the ISR and/or the SSR using eSRS;

(vi) Provide its prime contract number, its unique entity identifier, and the email address of the Offeror's official responsible for acknowledging receipt of or rejecting the ISRs, to all first-tier subcontractors with subcontracting plans so they can enter this information into the eSRS when submitting their ISRs; and

(vii) Require that each subcontractor with a subcontracting plan provide the prime contract number, its own unique entity identifier, and the email address of the subcontractor's official responsible for acknowledging receipt of or rejecting the ISRs, to its subcontractors with subcontracting plans.

(11) A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the offeror's efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (*e.g.*, SAM), guides, and other data that identify small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than \$250,000, indicating-

(A) Whether small business concerns were solicited and, if not, why not;

(B) Whether veteran-owned small business concerns were solicited and, if not, why not;

(C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;

(D) Whether HUBZone small business concerns were solicited and, if not, why not;

(E) Whether small disadvantaged business concerns were solicited and, if not, why not;

(F) Whether women-owned small business concerns were solicited and, if not, why not; and

(G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact-

(A) Trade associations;

(B) Business development organizations;

(C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, service-disabled veteran-owned, and women-owned small business sources; and

(D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through-

(A) Workshops, seminars, training, etc.; and

(B) Monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having commercial plans need not comply with this requirement.

(12) Assurances that the Offeror will make a good faith effort to acquire articles, equipment, supplies, services, or materials, or obtain the performance of construction work from the small business concerns that it used in preparing the bid or proposal, in the same or greater scope, amount, and quality used in preparing and submitting the bid or proposal. Responding to a request for a quote does not constitute use in preparing a bid or proposal. The Offeror used a small business concern in preparing the bid or proposal if-

(i) The Offeror identifies the small business concern as a subcontractor in the bid or proposal or associated small business subcontracting plan, to furnish certain supplies or perform a portion of the subcontract; or

(ii) The Offeror used the small business concern's pricing or cost information or technical expertise in preparing the bid or proposal, where there is written evidence of an intent or understanding that the small business concern will be awarded a subcontract for the related work if the Offeror is awarded the contract.

(13) Assurances that the Contractor will provide the Contracting Officer with a written explanation if the Contractor fails to acquire articles, equipment, supplies, services or materials or obtain the performance of construction work as described in (d)(12) of this clause. This written explanation must be submitted to the Contracting Officer within 30 days of contract completion.

(14) Assurances that the Contractor will not prohibit a subcontractor from discussing with the Contracting Officer any material matter pertaining to payment to or utilization of a subcontractor.

(15) Assurances that the offeror will pay its small business subcontractors on time and in accordance with the terms and conditions of the underlying subcontract, and notify the contracting officer when the prime contractor makes either a reduced or an untimely payment to a small business subcontractor (see 52.242-5).

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.

(4) Confirm that a subcontractor representing itself as a HUBZone small business concern is certified by SBA as a HUBZone small business concern in accordance with 52.219-8(d)(2).

(5) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran-owned small business, HUBZone small, small disadvantaged, or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

(6) For all competitive subcontracts over the simplified acquisition threshold in which a small business concern received a small business preference, upon determination of the successful subcontract offeror, prior to award of the subcontract the Contractor must inform each unsuccessful small business subcontract offeror in writing of the name and location of the apparent successful offeror and if the successful subcontract offeror is a small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concern.

(7) Assign each subcontract the NAICS code and corresponding size standard that best describes the principal purpose of the subcontract.

(f) A master subcontracting plan on a plant or division-wide basis that contains all the elements required by paragraph (d) of this clause, except goals, may be incorporated by reference as a part of the subcontracting plan required of the Offeror by this clause; provided-

(1) The master subcontracting plan has been approved;

(2) The Offeror ensures that the master subcontracting plan is updated as necessary and provides copies of the approved master subcontracting plan, including evidence of its approval, to the Contracting Officer; and

(3) Goals and any deviations from the master subcontracting plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) A commercial plan is the preferred type of subcontracting plan for contractors furnishing commercial items. The commercial plan shall relate to the offeror's planned subcontracting generally, for both commercial and Government business, rather than solely to the Government contract. Once the Contractor's commercial plan has been approved, the Government will not require another subcontracting plan from the same Contractor while the plan remains in effect, as long as the product or service being provided by the Contractor continues to meet the definition of a commercial item. A Contractor with a commercial plan shall comply with the reporting requirements stated in paragraph (d)(10) of this clause by submitting one SSR in eSRS for all contracts covered by its commercial plan. This report shall be acknowledged or rejected in eSRS by the Contracting Officer who approved the plan. This report shall be submitted within 30 days after the end of the Government's fiscal year.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) A contract may have no more than one subcontracting plan. When a contract modification exceeds the subcontracting plan threshold in 19.702(a), or an option is exercised, the goals of the existing subcontracting plan shall be amended to reflect any new subcontracting opportunities. When the goals in a subcontracting plan are amended, these goal changes do not apply retroactively.

(j) Subcontracting plans are not required from subcontractors when the prime contract contains the clause at 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders-Commercial Items, or when the subcontractor provides a commercial item subject to the clause at 52.244-6, Subcontracts for Commercial Items, under a prime contract.

(k) The failure of the Contractor or subcontractor to comply in good faith with (1) the clause of this contract entitled "Utilization Of Small Business Concerns," or (2) an approved plan required by this clause, shall be a material breach of the contract and may be considered in any past performance evaluation of the Contractor.

(l) The Contractor shall submit ISRs and SSRs using the web-based eSRS at <http://www.esrs.gov>. Purchases from a corporation, company, or subdivision that is an affiliate of the Contractor or subcontractor are not included in these reports. Subcontract awards by affiliates shall be treated as subcontract awards by the Contractor. Subcontract award data reported by the Contractor and subcontractors shall be limited to awards made to their immediate next-tier subcontractors. Credit cannot be taken for awards made to lower tier subcontractors, unless the Contractor or subcontractor has been designated to receive a small business or small disadvantaged business credit from an ANC or Indian tribe. Only subcontracts involving performance in the United States or its outlying areas should be included in these reports with the exception of subcontracts under a contract awarded by the State Department or any other agency that has statutory or regulatory authority to require subcontracting plans for subcontracts performed outside the United States and its outlying areas.

(1) *ISR*. This report is not required for commercial plans. The report is required for each contract containing an individual subcontracting plan.

(i) The report shall be submitted semi-annually during contract performance for the periods ending March 31 and September 30. A report is also required for each contract within 30 days of contract completion. Reports are due 30 days after the close of each reporting period, unless otherwise directed by the Contracting Officer. Reports are required when due, regardless of whether there has been any subcontracting activity since the inception of the contract or the previous reporting period. When the Contracting Officer rejects an ISR, the Contractor shall submit a corrected report within 30 days of receiving the notice of ISR rejection.

(ii)(A) When a subcontracting plan contains separate goals for the basic contract and each option, as prescribed by FAR 19.704(c), the dollar goal inserted on this report shall be the sum of the base period through the current option; for example, for a report submitted after the second

option is exercised, the dollar goal would be the sum of the goals for the basic contract, the first option, and the second option.

(B) If a subcontracting plan has been added to the contract pursuant to 19.702(a)(3) or 19.301-2(e), the Contractor's achievements must be reported in the ISR on a cumulative basis from the date of incorporation of the subcontracting plan into the contract.

(iii) When a subcontracting plan includes indirect costs in the goals, these costs must be included in this report.

(iv) The authority to acknowledge receipt or reject the ISR resides-

(A) In the case of the prime Contractor, with the Contracting Officer; and

(B) In the case of a subcontract with a subcontracting plan, with the entity that awarded the subcontract.

(2) *SSR. (i) Reports submitted under individual subcontracting plans.*

(A) This report encompasses all subcontracting under prime contracts and subcontracts with an executive agency, regardless of the dollar value of the subcontracts. This report also includes indirect costs on a prorated basis when the indirect costs are excluded from the subcontracting goals.

(B) The report may be submitted on a corporate, company or subdivision (e.g. plant or division operating as a separate profit center) basis, unless otherwise directed by the agency.

(C) If the Contractor or a subcontractor is performing work for more than one executive agency, a separate report shall be submitted to each executive agency covering only that agency's contracts, provided at least one of that agency's contracts is over \$700,000 (over \$1.5 million for construction of a public facility) and contains a subcontracting plan. For DoD, a consolidated report shall be submitted for all contracts awarded by military departments/agencies and/or subcontracts awarded by DoD prime contractors.

(D) The report shall be submitted annually by October 30 for the twelve month period ending September 30. When a Contracting Officer rejects an SSR, the Contractor shall submit a revised report within 30 days of receiving the notice of SSR rejection.

(E) Subcontract awards that are related to work for more than one executive agency shall be appropriately allocated.

(F) The authority to acknowledge or reject SSRs in eSRS, including SSRs submitted by subcontractors with subcontracting plans, resides with the Government agency awarding the prime contracts unless stated otherwise in the contract.

(ii) *Reports submitted under a commercial plan.*

(A) The report shall include all subcontract awards under the commercial plan in effect during the Government's fiscal year and all indirect costs.

(B) The report shall be submitted annually, within thirty days after the end of the Government's fiscal year.

(C) If a Contractor has a commercial plan and is performing work for more than one executive agency, the Contractor shall specify the percentage of dollars attributable to each agency.

(D) The authority to acknowledge or reject SSRs for commercial plans resides with the Contracting Officer who approved the commercial plan.

(End of clause)

I.61 FAR 52.244-6 SUBCONTRACT FOR COMMERCIAL ITEMS (OCT 2018)

(a) *Definitions.* As used in this clause-

Commercial item and *commercially available off-the-shelf item* have the meanings contained in Federal Acquisition Regulation 2.101, Definitions.

Subcontract includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)(1) The Contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (OCT 2015) (41 U.S.C. 3509), if the subcontract exceeds \$5.5 million and has a performance period of more than 120 days. In altering this clause to identify the appropriate parties, all disclosures of violation of the civil False Claims Act or of Federal criminal law shall be directed to the agency Office of the Inspector General, with a copy to the Contracting Officer.

(ii) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5), if the subcontract is funded under the Recovery Act.

(iii) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (JAN 2017).

(iv) 52.204-21, Basic Safeguarding of Covered Contractor Information Systems (JUN 2016), other than subcontracts for commercially available off-the-shelf items, if flow down is required in accordance with paragraph (c) of FAR clause 52.204-21.

(v) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (JUL 2018) (Section 1634 of Pub. L. 115-91).

(vi) 52.219-8, Utilization of Small Business Concerns (OCT 2018) (15 U.S.C. 637(d)(2) and (3)), if the subcontract offers further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$700,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(vii) 52.222-21, Prohibition of Segregated Facilities (APR 2015).

- (viii) 52.222-26, Equal Opportunity (SEP 2016) (E.O. 11246).
- (ix) 52.222-35, Equal Opportunity for Veterans (OCT 2015)(38 U.S.C. 4212(a));
- (x) 52.222-36, Equal Opportunity for Workers with Disabilities (JUL 2014) (29 U.S.C. 793).
- (xi) 52.222-37, Employment Reports on Veterans (FEB 2016) (38 U.S.C. 4212).
- (xii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496), if flow down is required in accordance with paragraph (f) of FAR clause 52.222-40.
- (xiii)(A) 52.222-50, Combating Trafficking in Persons (MAR 2015) (22 U.S.C. chapter 78 and E.O. 13627).
- (B) Alternate I (MAR 2015) of 52.222-50 (22 U.S.C. chapter 78 and E.O. 13627).
- (xiv) 52.222-55, Minimum Wages under Executive Order 13658 (DEC 2015), if flowdown is required in accordance with paragraph (k) of FAR clause 52.222-55.
- (xv) 52.222-62, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706), if flowdown is required in accordance with paragraph (m) of FAR clause 52.222-62.
- (B) Alternate I (JAN 2017) of 52.224-3, if flow down is required in accordance with 52.224-3(f) and the agency specifies that only its agency-provided training is acceptable).
- (xvi)(A) 52.224-3, Privacy Training (JAN 2017) (5 U.S.C. 552a) if flow down is required in accordance with 52.224-3(f).
- (B) Alternate I (JAN 2017) of 52.224-3, if flow down is required in accordance with 52.224-3(f) and the agency specifies that only its agency-provided training is acceptable).
- (xvii) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).
- (xviii) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (DEC 2013), if flow down is required in accordance with paragraph (c) of FAR clause 52.232-40.
- (xix) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. App. 1241 and 10 U.S.C. 2631), if flow down is required in accordance with paragraph (d) of FAR clause 52.247-64.
- (2) While not required, the Contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

(End of clause)

I. 130 DEAR 970.5244-1 CONTRACTOR PURCHASING SYSTEM (AUG 2016)
(DEVIATION: PF 2013-64, PF 2015-17) (SC ALTERNATE)

(a) *General.* The Contractor shall develop, implement, and maintain formal policies, practices, and procedures to be used in the award of subcontracts consistent with this clause and 48 CFR subpart 970.44. The Contractor's purchasing system and methods shall be fully documented, consistently applied, and acceptable to the Department of Energy (DOE) in accordance with 48 CFR 970.4401-1. The Contractor shall maintain file documentation which is appropriate to the value of the purchase and is adequate to establish the propriety of the transaction and the price paid. The Contractor's purchasing performance will be evaluated against such performance criteria and measures as may be set forth elsewhere in this contract. DOE reserves the right at any time to require that the Contractor submit for approval any or all purchases under this contract. The Contractor shall not purchase any item or service, the purchase of which is expressly prohibited by the written direction of DOE, and shall use such special and directed sources as may be expressly required by the DOE Contracting Officer. DOE will conduct periodic appraisals of the Contractor's management of all facets of the purchasing function, including the Contractor's compliance with its approved system and methods. Such appraisals will be performed through the conduct of Contractor Purchasing System Reviews in accordance with 48 CFR subpart 44.3, or, when approved by the Contracting Officer, through the Contractor's participation in the conduct of the Balanced Scorecard performance measurement and performance management system. The Contractor's approved purchasing system and methods shall include the requirements set forth in paragraphs (b) through (y) of this clause.

(b) *Acquisition of utility services.* Utility services shall be acquired in accordance with the requirements of 48 CFR subpart 970.41.

(c) *Acquisition of real property.* Real property shall be acquired in accordance with 48 CFR subpart 917.74.

(d) *Advance notice of proposed subcontract awards.* Advance notice shall be provided in accordance with 48 CFR 970.4401-3.

(e) *Audit of subcontractors.*

(1) The Contractor shall provide for—

(i) Periodic post-award audit of cost-reimbursement subcontractors at all tiers; and

(ii) Audits, where necessary, to provide a valid basis for pre-award or cost or price analysis.

(2) Responsibility for determining the costs allowable under each cost-reimbursement subcontract remains with the contractor or next higher-tier subcontractor. The Contractor shall provide, in appropriate cases, for the timely involvement of the Contractor and the DOE Contracting Officer in resolution of subcontract cost allowability.

(3) Where audits of subcontractors at any tier are required, arrangements may be made to have the cognizant Federal agency perform the audit of the subcontract or the contractor may employ external auditors to support mandatory subcontract audits required by this contract. These arrangements shall be made administratively between DOE and the other agency involved and shall provide for the cognizant agency to audit in an appropriate manner in light of the magnitude and nature of the subcontract. In no case, however, shall these arrangements preclude determination by the DOE Contracting Officer of the allowability or unallowability of subcontractor costs claimed for reimbursement by the Contractor.

(4) Allowable costs for cost reimbursable subcontracts are to be determined in accordance with the cost principles of 48 CFR Part 31, appropriate for the type of organization to which the subcontract is to be awarded, as supplemented by 48 CFR part 931. Allowable costs in the purchase or transfer from contractor-affiliated sources shall be determined in accordance with 48 CFR 970.4402-3 and 48 CFR 31.205-26(e).

(f) *Bonds and insurance.*

(1) The Contractor shall require performance bonds in penal amounts as set forth in 48 CFR 28.102-2(a) for all fixed-priced and unit-priced construction subcontracts in excess of \$150,000. The Contractor shall consider the use of performance bonds in fixed-price non-construction subcontracts, where appropriate.

(2) For fixed-price, unit-priced and cost reimbursement construction subcontracts in excess of \$150,000, a payment bond shall be obtained on Standard Form 25A modified to name the Contractor as well as the United States of America as obligees. The penal amounts shall be determined in accordance with 48 CFR 28.102-2(b).

(3) For fixed-price, unit-priced and cost-reimbursement construction subcontracts greater than \$25,000, but not greater than \$100,000, the Contractor shall select two or more of the payment protections at 48 CFR 28.102-1(b), giving particular consideration to the inclusion of an irrevocable letter of credit as one of the selected alternatives.

(4) A subcontractor may have more than one acceptable surety in both construction and other subcontracts, provided that in no case will the liability of any one surety exceed the maximum penal sum for which it is qualified for any one obligation. For subcontracts other than construction, a co-surety (two or more sureties together) may reinsure amounts in excess of their individual capacity, with each surety having the required underwriting capacity that appears on the list of acceptable corporate sureties.

(g) *Buy American.* The Contractor shall comply with the provisions of the Buy American Act as reflected in 48 CFR 52.225-1 and 48 CFR 52.225-9. The Contractor shall forward determinations of non-availability of individual items to the DOE Contracting Officer for approval. Items in excess of \$500,000 require the prior concurrence of the Head of Contracting Activity. If, however, the Contractor has an approved purchasing system, the Head of the Contracting

Activity may authorize the Contractor to make determinations of non-availability for individual items valued at \$500,000 or less.

(h) *Construction and architect-engineer subcontracts.*

(1) Independent Estimates. A detailed, independent estimate of costs shall be prepared for all construction work to be subcontracted above the Simplified Acquisition Threshold.

(2) Specifications. Specifications for construction shall be prepared in accordance with the DOE publication entitled "General Design Criteria Manual."

(3) Prevention of conflict of interest.

(i) The Contractor shall not award a subcontract for construction to the architect-engineer firm or an affiliate that prepared the design. This prohibition does not preclude the award of a "turnkey" subcontract so long as the subcontractor assumes all liability for defects in design and construction and consequential damages.

(ii) The Contractor shall not award both a cost-reimbursement subcontract and a fixed-price subcontract for construction or architect-engineer services or any combination thereof to the same firm where those subcontracts will be performed at the same site.

(iii) The Contractor shall not employ the construction subcontractor or an affiliate to inspect the firm's work. The contractor shall assure that the working relationships of the construction subcontractor and the subcontractor inspecting its work and the authority of the inspector are clearly defined.

(i) *Contractor-affiliated sources.* Equipment, materials, supplies, or services from a contractor-affiliated source shall be purchased or transferred in accordance with 48 CFR 970.4402-3.

(j) *Contractor-subcontractor relationship.* The obligations of the Contractor under paragraph (a) of this clause, including the development of the purchasing system and methods, and purchases made pursuant thereto, shall not relieve the Contractor of any obligation under this contract (including, among other things, the obligation to properly supervise, administer, and coordinate the work of subcontractors). Subcontracts shall be in the name of the Contractor, and shall not bind or purport to bind the Government.

(k) *Government Property.* The Contractor shall establish and maintain a property management system that complies with criteria in 48 CFR 970.5245-1, Property.

(l) *Indemnification.* Except for Price-Anderson Nuclear Hazards Indemnity, subcontractors may not be indemnified except with the prior approval of the Senior Procurement Executive or under conditions specified by the Senior Procurement Executive.

(m) *Leasing of motor vehicles.* Contractors shall comply with 48 CFR subpart 8.11 and 48 CFR subpart 908.11.

(n) [Reserved]

(o) *Management, acquisition and use of information resources.* Requirements for automatic data processing resources and telecommunications facilities, services, and equipment, shall be reviewed and approved in accordance with applicable DOE Orders and regulations regarding information resources.

(p) *Priorities, allocations and allotments.* Priorities, allocations and allotments shall be extended to appropriate subcontracts in accordance with the clause or clauses of this contract dealing with priorities and allocations.

(q) *Purchase of special items.* Purchase of the following items shall be in accordance with the following provisions of 48 CFR subpart 8.5, 48 CFR subpart 908.71, Federal Management Regulation 41 CFR part 102, and the Federal Property Management Regulation 41 CFR chapter 101:

- (1) Motor vehicles—48 CFR 908.7101
- (2) Aircraft—48 CFR 908.7102
- (3) Security Cabinets—48 CFR 908.7106
- (4) Alcohol—48 CFR 908.7107
- (5) Helium—48 CFR subpart 8.5
- (6) Fuels and packaged petroleum products—48 CFR 908.7109
- (7) Coal—48 CFR 908.7110
- (8) Arms and Ammunition—48 CFR 908.7111
- (9) Heavy Water—48 CFR 908.7121(a)
- (10) Precious Metals—48 CFR 908.7121(b)
- (11) Lithium—48 CFR 908.7121(c)
- (12) Products and services of the blind and severely handicapped—41 CFR 101-26.701
- (13) Products made in Federal penal and correctional institutions—41 CFR 101-26.702.

(r) *Purchase versus lease determinations.* Contractors shall determine whether required equipment and property should be purchased or leased, and establish appropriate thresholds for application of lease versus purchase determinations. Such determinations shall be made—

- (1) At time of original acquisition;
- (2) When lease renewals are being considered; and
- (3) At other times as circumstances warrant.

(s) *Quality assurance.* Contractors shall provide no less protection for the Government in its subcontracts than is provided in the prime contract.

(t) *Setoff of assigned subcontractor proceeds.* Where a subcontractor has been permitted to assign payments to a financial institution, the assignment shall treat any right of setoff in accordance with 48 CFR 932.803.

(u) *Strategic and critical materials.* The Contractor may use strategic and critical materials in the National Defense Stockpile.

(v) *Termination.* When subcontracts are terminated as a result of the termination of all or a portion of this contract, the Contractor shall settle with subcontractors in conformity with the policies and principles relating to settlement of prime contracts in 48 CFR subparts 49.1, 49.2 and 49.3. When subcontracts are terminated for reasons other than termination of this contract, the Contractor shall settle such subcontracts in general conformity with the policies and principles in 48 CFR subparts 49.1, 49.2, 49.3 and 49.4. Each such termination shall be documented and consistent with the terms of this contract. Terminations which require approval by the Government shall be supported by accounting data and other information as may be directed by the Contracting Officer.

(w) *Unclassified controlled nuclear information.* Subcontracts involving unclassified uncontrolled nuclear information shall be treated in accordance with 10 CFR part 1017.

(x) *Subcontract flowdown requirements.* In addition to terms and conditions that are included in the prime contract which direct application of such terms and conditions in appropriate subcontracts, the Contractor shall include the following clauses in subcontracts, as applicable:

- (1) Davis-Bacon clauses prescribed in 48 CFR 22.407.
- (2) Foreign Travel clause prescribed in 48 CFR 952.247-70.
- (3) Counterintelligence clause prescribed in 48 CFR 970.0404-4(a).
- (4) Service Contract Act clauses prescribed in 48 CFR 22.1006.

(5) State and local taxes clause prescribed in 48 CFR 970.2904-1.

(6) Cost or pricing data clauses prescribed in 48 CFR 970.1504-3-1(b).

(7) Non displacement of Qualified Workers Clauses prescribed in 48 CFR 22.1207.

(8) Service Contract Reporting clause prescribed in 48 CFR 4.1705.

(9) Minimum Wages under Executive Order 13658 clause prescribed in 48 CFR 22.1906.

(y) *Legal services*. Contractor purchases of litigation and other legal services are subject to the requirements in 10 CFR part 719 and the requirements of this clause.

(End of clause)

Table with columns: Rep Entity, Fund Code, Approp Year, Program, Legacy B&R, Object Class, Local Use, Project, WFO, Legacy Order Number, OCTADJ1-19 Beginning Uncosted Obs, Previous, Change, Revised, Total Available. Includes subtotals for Program Parents C000984, C001009, C001018, and C001010.

Subtotal for Program Parent: C001021, KL000000								95,874.00	0.00	200,000.00	200,000.00	295,874.00
2015	2924205	KP1602010	25400	0000000	0000000	0000000	12,195.00	0.00	0.00	0.00	12,195.00	
Subtotal for Program Parent: C001024, KP0000000								12,195.00	0.00	0.00	0.00	12,195.00

2016	2924033	39KB00000PRN065C01000	32001	0472770	0000000	0000000	72,102.00	0.00	0.00	0.00	72,102.00
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Financial Plan Number: 44

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: JAN-19
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2019
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-43 (20-DEC-2018 11:05:28)
 Changes Only?: N
 To Date:
 Report Output Type: BEARS VERSION
 Report Output: TEXT

Report Date: 24-JAN-19 08:28
 Page: 2 of 5

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-19 Beginning Uncosted Obs	Previous	Change	Revised	Total Available	
Subtotal for Program Parent: C001191, 39KB01000											72,102.00	0.00	0.00	0.00	72,102.00
2016	2924363	KA2403013	25400	0000000	0000000	0000000	6,170.00	-6,170.00	0.00	0.00	-6,170.00	0.00	0.00	0.00	
2018	2924366	KA2501012	25400	0000000	0000000	0000000	160,000.00	0.00	0.00	0.00	0.00	0.00	0.00	160,000.00	
2017	2924366	KA2501012	25400	0000000	0000000	0000000	5,056.00	0.00	0.00	0.00	0.00	0.00	0.00	5,056.00	
2015	2924369	KA2501022	25400	0000000	0000000	0000000	69.00	-69.00	0.00	0.00	0.00	-69.00	0.00	0.00	
2018	2924380	KA2601020	25400	0000000	0000000	0000000	366,000.00	0.00	0.00	0.00	0.00	0.00	0.00	366,000.00	
2017	2924380	KA2601020	25400	0000000	0000000	0000000	28,047.00	0.00	0.00	0.00	0.00	0.00	0.00	28,047.00	
2015	2924382	KA2602010	25400	0000000	0000000	0000000	6,507.00	0.00	0.00	0.00	0.00	0.00	0.00	6,507.00	
Subtotal for Program Parent: C002852, KA0000000											571,849.00	-6,239.00	0.00	-6,239.00	565,610.00
2014	2924279	39KG02000PRN135C71000	32001	0000000	0000000	0000000	13,049.00	0.00	0.00	0.00	0.00	0.00	0.00	13,049.00	
Subtotal for Program Parent: C002914, 39KG00000											13,049.00	0.00	0.00	0.00	13,049.00
2017	2924416	KG0701000	32002	0000000	0000000	0000000	5,546,054.00	0.00	0.00	0.00	0.00	0.00	0.00	5,546,054.00	
Subtotal for Program Parent: C002925, KG0700000											5,546,054.00	0.00	0.00	0.00	5,546,054.00
Subtotal for Fund: 00500											45,415,569.24	31,966,264.00	70,786,000.00	102,752,264.00	148,167,833.24
00510	2015	1720614	650102000	25400	0000000	0000000	0507537	ORJSA2014S008	13,587.00	0.00	0.00	0.00	0.00	13,587.00	
2015	1720616	650201010	25400	0000000	0000000	0000000	0509348	ORJSA2015S007	145.00	0.00	0.00	0.00	0.00	145.00	
2014	1720616	650201010	25400	0000000	0000000	0000000	0505862	ORJSA2013S014	1,871.00	0.00	0.00	0.00	0.00	1,871.00	
2013	1720616	650201010	25400	0000000	0000000	0000000	0504212	ORJSA2013S009	278.00	0.00	0.00	0.00	0.00	278.00	
2013	1720616	650201010	25400	0000000	0000000	0000000	0503044	ORJSA2012S015	1,828.95	0.00	0.00	0.00	0.00	1,828.95	
Subtotal for Program Parent: C000738, 650000000											17,709.95	0.00	0.00	0.00	17,709.95
2019	7400168	453065021	25400	0000000	0000000	0000000	0516636	ORJSA2017S015	0.00	0.00	56,360.00	56,360.00	56,360.00	56,360.00	
2019	7400168	453065021	25400	0000000	0000000	0000000	0518172	ORJSA2018S005	0.00	10,000.00	0.00	10,000.00	10,000.00	10,000.00	
2019	7400168	453065021	25400	0000000	0000000	0000000	0519590	ORJSA2018S009	0.00	0.00	11,250.00	11,250.00	11,250.00	11,250.00	
2019	7400168	453065021	25400	0000000	0000000	0000000	0516888	ORJSA2016S014	0.00	138,640.47	0.00	138,640.47	138,640.47	138,640.47	
2018	7400168	453065021	25400	0000000	0000000	0000000	0516295	ORJSA2017S016	46,400.00	0.00	0.00	46,400.00	46,400.00	46,400.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0512244	ORJSA2016S004	77,236.00	0.00	0.00	77,236.00	77,236.00	77,236.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0514251	ORJSA2016S012	867.00	0.00	0.00	867.00	867.00	867.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0516888	ORJSA2016S014	12,162.00	0.00	0.00	12,162.00	12,162.00	12,162.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0518960	ORJSA2018S007	175,000.00	0.00	0.00	175,000.00	175,000.00	175,000.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0516636	ORJSA2017S015	163,706.00	0.00	0.00	163,706.00	163,706.00	163,706.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0517504	ORJSA2016S005	1,065.00	0.00	0.00	1,065.00	1,065.00	1,065.00	
2018	7400168	453065021	25400	0000000	0000000	0000000	0518172	ORJSA2018S005	20,000.00	0.00	0.00	20,000.00	20,000.00	20,000.00	
2017	7400168	453065021	25400	0000000	0000000	0000000	0509348	ORJSA2015S007	1,078.00	0.00	0.00	1,078.00	1,078.00	1,078.00	
2017	7400168	453065021	25400	0000000	0000000	0000000	0512074	ORJSA2016S002	34,608.00	0.00	0.00	34,608.00	34,608.00	34,608.00	
2017	7400168	453065021	25400	0000000	0000000	0000000	0515220	ORJSA2017S011	41,568.00	0.00	0.00	41,568.00	41,568.00	41,568.00	
2016	7400168	453065021	25400	0000000	0000000	0000000	0511095	ORJSA2015S003	3,100.00	0.00	0.00	3,100.00	3,100.00	3,100.00	
2016	7400168	453065021	25400	0000000	0000000	0000000	0503044	ORJSA2012S015	626.68	0.00	0.00	626.68	626.68	626.68	
2016	7400168	453065021	25400	0000000	0000000	0000000	0511839	ORJSA2015CERN	2,885.10	0.00	0.00	2,885.10	2,885.10	2,885.10	
2016	7400168	453065021	25400	0000000	0000000	0000000	0505862	ORJSA2013S014	2,089.00	0.00	0.00	2,089.00	2,089.00	2,089.00	
2016	7400168	453065021	25400	0000000	0000000	0000000	0511364	ORJSA2013S018	3,677.00	0.00	0.00	3,677.00	3,677.00	3,677.00	
Subtotal for Program Parent: C003017, 453000000											586,067.78	148,640.47	67,610.00	216,250.47	802,318.25

Subtotal for Fund: 00510										603,777.73	148,640.47	67,610.00	216,250.47	820,028.20
00511	2015	1720575	600303000	25400	0000000	0000000	0502366	ORJSA-2011W014A		3,047.00	0.00	0.00	0.00	3,047.00
	2014	1720575	600303000	25400	0000000	0000000	0509161	ORJSA2011W014B		1,662,488.00	0.00	0.00	0.00	1,662,488.00
	2011	1720575	600303000	25400	0000000	0000000	0499478	ORJSA-2011W014		267.00	0.00	0.00	0.00	267.00
	2015	1720577	600305000	25400	0000000	0000000	0507633	ORJSA2014W011		38,343.00	0.00	0.00	0.00	38,343.00
	2015	1720577	600305000	25400	0000000	0000000	0508329	ORJSA2015W002		1,003.00	0.00	0.00	0.00	1,003.00

Subtotal for Program Parent: C000737, 600000000 1,705,148.00 0.00 0.00 0.00 1,705,148.00

2018	7400116	453060034	25400	0000000	0000000	0509161	ORJSA2011W014B		650,000.00	0.00	0.00	0.00	650,000.00
2018	7400116	453060034	25400	0000000	0000000	0513661	ORJSA2016W009		761.00	0.00	0.00	0.00	761.00
2018	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A		144,000.00	0.00	0.00	0.00	144,000.00

Financial Plan Number: 44

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: JAN-19
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2019
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-43 (20-DEC-2018 11:05:28)
 Changes Only?: N
 To Date:
 Report Output Type: BEARS VERSION
 Report Output: TEXT

Report Date: 24-JAN-19 08:28
 Page: 3 of 5

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-19 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00511	2018	7400116	453060034	25400	0000000	0000000	0513660	ORJSA2016W008	1,597.00	0.00	0.00	0.00	1,597.00
		2017	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A	340,000.00	0.00	0.00	0.00	340,000.00
		2017	7400116	453060034	25400	0000000	0000000	0509161	ORJSA2011W014B	270,890.00	0.00	0.00	0.00	270,890.00
		2016	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A	161,797.00	0.00	0.00	0.00	161,797.00
		2019	7400118	453060036	25400	0000000	0000000	0507633	ORJSA2014W011	0.00	85,000.00	0.00	85,000.00	85,000.00
		2017	7400118	453060036	25400	0000000	0000000	0507633	ORJSA2014W011	9,117.00	0.00	0.00	0.00	9,117.00
		2016	7400118	453060036	25400	0000000	0000000	0508329	ORJSA2015W002	26,799.75	0.00	0.00	0.00	26,799.75

Subtotal for Program Parent: C003017, 453000000 1,604,961.75 85,000.00 0.00 85,000.00 1,689,961.75

Subtotal for Fund: 00511 3,310,109.75 85,000.00 0.00 85,000.00 3,395,109.75

00512	2017	7400040	453040135	25400	0000000	0000000	0514957	ORJSA17IA014		29,372.07	0.00	0.00	0.00	29,372.07
	2017	7400182	453040196	25400	0000000	0000000	0514597	ORJSA15IA001B		8,320.93	0.00	0.00	0.00	8,320.93

Subtotal for Program Parent: C003017, 453000000 37,693.00 0.00 0.00 0.00 37,693.00

Subtotal for Fund: 00512 37,693.00 0.00 0.00 0.00 37,693.00

00674	2018	4500001	TT1020000	25400	0000000	0000000	0000000			0.00	29,500.00	0.00	29,500.00	29,500.00
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Subtotal for Program Parent: C003093, TT0000000 0.00 29,500.00 0.00 29,500.00 29,500.00

Subtotal for Fund: 00674 0.00 29,500.00 0.00 29,500.00 29,500.00

00922	2019	1721310	YN1901000	25400	0000000	0000000	0515579	ARGONNE 8T-30067 E-BEAM WELDING		0.00	5,000.00	0.00	5,000.00	5,000.00
	2019	1721310	YN1901000	25400	0000000	0000000	0506426	ORSLAC 125201 LCLS-II CRYOMODULE		0.00	4,200,000.00	0.00	4,200,000.00	4,200,000.00
	2019	1721310	YN1901000	25400	0000000	0000000	0515500	FERMI 641343 CAVITIES IMPROVEMENTS		0.00	0.00	50,000.00	50,000.00	50,000.00
	2018	1721310	YN1901000	25400	0000000	0000000	0515528	ORNL AUTH TEST HB CAVITIES		78,831.00	0.00	0.00	0.00	78,831.00
	2018	1721310	YN1901000	25400	0000000	0000000	0515535	ORNL AUTH SNS Proton Power Upgrade		1,389,044.51	0.00	0.00	0.00	1,389,044.51
	2018	1721310	YN1901000	25400	0000000	0000000	0515520	PNNL 411174 Issue Mgmt Process Travel		86.00	0.00	0.00	0.00	86.00
	2018	1721310	YN1901000	25400	0000000	0000000	0515503	ORNL 4400000581 ECP ASCR		474,362.00	0.00	0.00	0.00	474,362.00
	2018	1721310	YN1901000	25400	0000000	0000000	0515500	FERMI 641343 CAVITIES IMPROVEMENTS		63,561.00	0.00	0.00	0.00	63,561.00
	2018	1721310	YN1901000	25400	0000000	0000000	0515519	Brookhaven 348363 EIC R&D Compton		469.50	0.00	0.00	0.00	469.50
	2018	1721310	YN1901000	25400	0000000	0000000	0515493	BROOKHAVEN 340638 eRD22 R&D		38,063.00	0.00	0.00	0.00	38,063.00

Year	Object Class	Local Use	Project	WFO	Legacy Order Number	Amount	Previous	Change	Revised	Total Available		
2018	1721310	YN1901000	25400	0000000	0000000	0515514	SLAC 181827 CD-1 Review for LCLS II HE	35,338.00	0.00	0.00	0.00	35,338.00
2018	1721310	YN1901000	25400	0000000	0000000	0515498	FERMI 641178 Lattice QCD Computing	2,793.00	0.00	-2,793.00	-2,793.00	0.00
2018	1721310	YN1901000	25400	0000000	0000000	0515501	BROOKHAVEN 342230 EIC R&D Research	8,059.00	0.00	0.00	0.00	8,059.00
2018	1721310	YN1901000	25400	0000000	0000000	0515518	SLAC 183676 SRF Cavities for LCLS-II HE	163,319.00	0.00	0.00	0.00	163,319.00
2018	1721310	YN1901000	25400	0000000	0000000	0506426	ORSLAC 125201 LCLS-II CRYMODULE	18,754,015.00	0.00	0.00	0.00	18,754,015.00
2017	1721310	YN1901000	25400	0000000	0000000	0515377	Argonne 7T-30009 Cell Cavity & VTA Tests	27,042.00	0.00	0.00	0.00	27,042.00
2017	1721310	YN1901000	25400	0000000	0000000	0515350	ORSNS CAVITY PROCESSING	1,153.00	0.00	0.00	0.00	1,153.00
2017	1721310	YN1901000	25400	0000000	0000000	0510827	4400000482-00003 ORBROOKHAVEN 303473 EIC R&D FOF COMPTON	41,492.00	0.00	0.00	0.00	41,492.00
2016	1721310	YN1901000	25400	0000000	0000000	0513313	ORNL 4400000581 EXASCALE COMPUT PROJ	3,241.00	0.00	0.00	0.00	3,241.00
2016	1721310	YN1901000	25400	0000000	0000000	0511632	ORNL SNS CAV PROCESSING	930.00	0.00	0.00	0.00	930.00
2015	1721310	YN1901000	25400	0000000	0000000	0510336	ORFERMI 623843 PROTOTYPE RFD/DOW	34,579.00	0.00	0.00	0.00	34,579.00

Financial Plan Number: 44

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: JAN-19
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2019
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-43 (20-DEC-2018 11:05:28)
 Changes Only?: N
 To Date:
 Report Output Type: BEARS VERSION
 Report Output: TEXT

Report Date: 24-JAN-19 08:28
 Page: 4 of 5

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-19 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00922	2015	1721310	YN1901000	25400	0000000	0000000	0508522	ORORNL 4400000483-00002 INCITE PROGRAM	7,393.00	0.00	0.00	0.00	7,393.00
		2014	1721310	YN1901000	25400	0000000	0000000	0506348	ORSNS CAVITY PROCESSING 4400000482	15,141.00	0.00	0.00	0.00	15,141.00
		2013	1721310	YN1901000	25102	0471981	0000000	0504378	ORNL AUTH JLAB ENGINEERING CONSULTING	14,927.00	0.00	0.00	0.00	14,927.00
Subtotal for Program Parent: C001129, YN1900000										21,153,839.01	4,205,000.00	47,207.00	4,252,207.00	25,406,046.01
Subtotal for Fund: 00922										21,153,839.01	4,205,000.00	47,207.00	4,252,207.00	25,406,046.01
02300	2018	2720715	ST5001030		25400	0000000	0000000	0000000		354,726.00	0.00	0.00	0.00	354,726.00
Subtotal for Program Parent: C001087, ST0000000										354,726.00	0.00	0.00	0.00	354,726.00
Subtotal for Fund: 02300										354,726.00	0.00	0.00	0.00	354,726.00
05450	2013	1005091	EL1708000		25400	0000000	0000000	0000000		43,620.00	0.00	0.00	0.00	43,620.00
Subtotal for Program Parent: C000955, EL1700000										43,620.00	0.00	0.00	0.00	43,620.00
Subtotal for Fund: 05450										43,620.00	0.00	0.00	0.00	43,620.00
Subtotal for Reporting Entity: 472101										70,919,334.73	36,434,404.47	70,900,817.00	107,335,221.47	178,254,556.20
Grand Total:										70,919,334.73	36,434,404.47	70,900,817.00	107,335,221.47	178,254,556.20

Agency Sub-Report

Agency	Obligation Change Amount
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Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	70,786,000.00
Total Non-Appropriated Funds:	114,817.00
Grand Total:	70,900,817.00

TAS Sub-Report

DOE Funding: 089X0222

Financial Plan Number: 44

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: JAN-19
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2019
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-43 (20-DEC-2018 11:05:28)
 Changes Only?: N
 To Date:
 Report Output Type: BEARS VERSION
 Report Output: TEXT

Report Date: 24-JAN-19 08:28
 Page: 5 of 5

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-19 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
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TAS Sub-Report

Reimbursable Funding:

*** End of Report ***